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ABSTRACT

This volume provides technical information and data on the knowledge, skills, and attitudes of American young adults, aged 17 and 26-35 years old. The three subjects chosen for this eighth year assessment were health: (section 1), energy (section 2), and reading (section 3). (Science exercises were also administered in the survey, and will eventually be available on microfiche). The exercises are presented in numerical order within each section, and correct responses are indicated. Each exercise is followed by a page of administration/scoring data. The data provided include national and group percentages for only correct or acceptable answers in reading and health; energy data include percentages for all response categories. (Author/GK)

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Technical Information and Data
From
The 1977 Young Adult Assessment of

HEALTH, ENERGY AND READING

Released Exercises, National and Group Results

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National Center for Education Statistics

NAEP

TECHNICAL INFORMATION AND DATA

From

The 1977 Young Adult Assessment of
Health, Energy and Reading

Released Exercises, National and Group Results

08-YA-25

by the
National Assessment of Educational Progress

Education Commission of the States
Suite 700, 1860 Lincoln Street
Denver, Colorado 80295

March 1979

INTRODUCTION

Over the past nine years, the National Assessment of Educational Progress (NAEP) has gathered and reported information, through yearly surveys, on the knowledge, skills and attitudes of American 9-year-olds, 13-year-olds, 17-year-olds and young adults ages 26 to 35.

Currently, 10 learning areas are assessed: art, career and occupational development, citizenship, literature, mathematics, music, reading, science, social studies and writing. During the first five years of data collection, National Assessment used an interview procedure to assess young adults, obtaining data in science, citizenship, writing, reading, literature, social studies, music, mathematics, and career and occupational development. However, financial constraints made it impossible to conduct these adult assessments in the sixth and seventh years of data collection.

In June 1975 an on-site evaluation team, appointed by National Assessment's funding agency, the National Center for Education Statistics, reviewed the NAEP design and recommended reinstatement of an adult assessment. As a result of the team's recommendation, four different subjects were chosen for the eighth year (1976-77) assessment: reading, health, energy and science.

The energy and health assessments were not among the 10 original assessment areas. Their development, however, was consistent with National Assessment's goal to provide the public with information about education concerns relevant to contemporary social issues.

This technical volume provides copies of exercises (items) and accompanying results obtained from young adults (ages 26 to 35) during the summer of 1977 in three subject areas: reading, energy and health.[1] The first section of this volume contains health exercises administered to young adults, the second section contains energy exercises and the third section contains reading exercises. The exercises are presented in numerical order within each of the three learning areas. Each exercise is followed by a page containing information about the administration and scoring of that particular item. Every exercise in this volume is presented exactly as it appeared to the respondents. For all exercises measuring knowledge in one of the areas, the oval or number corresponding to the correct response has been darkened.

The data provided include national and group percentages for only the correct or acceptable answers given by young adults in reading and health. Readers desiring more information about data on responses other than the ones presented should contact National Assessment. Energy data include national and group percentages for all response categories.

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[1] Young adults were also administered a science booklet. Exercise-level science data will be available on microfiche from National Assessment in the future.

The Sample

Young adults born between January 1941 and December 1950 were the target population. Those who were nonreaders, non-English speaking, institutionalized or handicapped (physically, mentally or emotionally) in such a way that they could not respond to the exercises as administered were excluded from the sample. National Assessment's deeply stratified, multistage sample design surveyed a total of 1,379 young adults. The average number of packages administered to respondents was 3.74, out of a maximum of 4 packages. Randomized administration resulted in an average of 1,290 respondents taking each package.

The first stage of the sample involved the selection of 58 primary sampling units (PSUs), consisting of counties or groups of contiguous counties stratified by region of the country and community size. In the second stage, 419 small land areas (segments) were selected within the 58 PSUs. In urban areas (cities and towns), a segment usually consisted of a single block bounded by streets. In open-country areas, the segment boundaries generally were roads, creeks, rivers, railroad tracks, city limits, and township or county boundaries. In the third stage, 2,084 sample housing units (SHUs) were selected from the 419 segments. From these housing units, 1,379 young adults responded to the package administration. In this last stage, oversampling was employed to ensure adequate representation of blacks.

Statistics Used in This Report

Since National Assessment uses a national probability sample to collect data, the findings are reported as estimates of the percentage of individuals in a given group who could successfully complete a particular exercise if everyone in the country in that group were tested. Thus, when we say that "85% of the young adults (ages 26 to 35) gave correct responses," 85% is an estimate of the proportion of all young adults in the country who would have answered correctly if all young adults were assessed.

Percentages reported here are subject to sampling error since they are computed from a sample rather than from the entire population. The standard errors of percentages provide a measure of the sampling variability among all possible samples. The standard error of a sample statistic can be used to construct a confidence interval for the estimate. For example, the interval from two standard errors below to two standard errors above a particular sample value would include the average of all possible values in about 95% of the samples. Numerical values of standard errors for the reading and health data are those for the percentages of correct responses. Numerical values of standard errors for the energy data are those for the percentages of each response.

Percentages and standard errors for both national and group performance are shown. Differences between national and group performance are not shown. However, when the difference between the group's percentage and the corresponding national percentage is greater than twice the standard error of that difference, an asterisk appears beside the group's percentage of performance. This indicates that a difference this large would occur in only about 5% of the samples by chance and therefore is not likely to be an artifact of sampling variability.

Administration Procedures

The assessment was administered nationwide by a field staff of 96 trained interviewers. Each adult respondent was asked to complete a background questionnaire and was compensated for completing each of from 1 to 4 (reading, energy, health or science) test booklets. Respondents read the questions and recorded their answers in the appropriate booklet. A total of 5,158 test booklets was completed, for an average of 3.74 booklets per respondent. The estimated completion time for each test booklet was 45 minutes, but respondents were asked to work until they had completed all the questions within each one.

Definitions of Selected Reporting Groups

In addition to results for the nation as a whole, National Assessment reports on the performance of various groups within the national population. Definitions of these selected groups follow.

Sex

Results are presented for males and females.

Race

Results are reported for blacks and whites.[2]

Community Size

Size-of-community categories are based upon the population of the community in which the respondent being assessed is located.[3]

BC-UF = Big cities and urban fringes, communities with a population greater than 200,000.

MC-SP = Medium cities and smaller places, communities with a population less than 200,000.

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[2] Results are not reported by race for health questions administered to 17-year-olds.

[3] Results are not reported by collapsed community size (CCS) for health questions administered to 17-year-olds.

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Additional Information About the Young Adult Assessment of 1977

National Assessment has prepared two reports and an article on the findings of the 1977 assessment of young adults. In addition, leaflets are available from NAEP that briefly describe these publications.

-- Checkup: A National Assessment of Health Awareness Among 17-Year-Olds and Young Adults (September 1978; $3.15) describes 17-year-olds' and adults' achievement on items measuring knowledge in seven broad areas: accident prevention, emergency care skills, nutrition, smoking and health, alcohol and drugs, diseases and disorders, human sexuality, and health care services.

-- Energy: Knowledge and Attitudes, A National Assessment of Energy Awareness Among Young Adults (December 1978; $3.75) reports young adults' performance in the areas of (1) knowledge -- energy facts, general energy issues and energy conservation -- and (2) attitudes -- seriousness of the energy problems, effectiveness of personal action, environmental hazards and energy trade offs.

-- Adult Readers: Will They Need Basics Too? describes changes over time in reading performance on 18 items. (This journal article has not yet been published; therefore, it is unavailable from National Assessment at this time.)

THE HEALTH SURVEY

This section of the technical volume contains information about the health survey administered to 17-year-olds and young adults between the ages of 26 and 35[1] during the spring and summer of 1977. Readers desiring information about the science assessment of young adults should contact National Assessment.

Development and test administration procedures in the health assessment differed for 17-year-olds and young adults. Development of the health survey for 17-year-olds began in 1975. Then, National Assessment consulted with many individuals to identify critical areas to be assessed in a survey of basic life skills. Consumer protection, health maintenance, interpersonal relations, citizenship, family responsibility, community resource utilization and career development skills were among the areas identified.

Items measuring these broad areas were distributed throughout six test booklets administered to a national probability sample of approximately 7,800 17-year-olds in the spring of 1977.[2] Each 17-year-old respondent was asked to answer the questions in only one booklet and record his or her answers on a separate answer sheet. Some questions from each of the seven skills areas were included within the same booklet, and although individual questions were not timed, the total administration time was approximately 45 minutes per test booklet.

Because NAEP had not conducted an assessment of young adults since the 1973-74 career and occupational development survey, it was decided to include adults in the assessments of the summer of 1977. Science, energy and reading were identified as the learning areas to be assessed. Because of assessment users' growing interest in the basic life skills survey, NAEP also decided to include a fourth area -- health -- in the adult assessment.

The health items administered to adults were derived directly from the health component of the basic life skills survey.[3] A small set of items measuring knowledge of reproduction, hygiene and venereal disease were added to the adult booklets but were not included in the test booklets for 17-year-olds.

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[1] The complete volume, Technical Information and Data From the 1977 Young Adult Assessment of Health, Energy and Reading, can be ordered from National Assessment for $15.00. Cost of separate sets: Health, $6.00; Energy, $7.80; Reading, $1.65.

[2] The Basic Life Skills Kit, which contains six NAEP assessment booklets, data for basic life skills items, a results manual and a guide for conducting an assessment using the NAEP items, can be ordered from National Assessment for $23.15.

[3] A limited number of items from the skills areas of consumer protection, family responsibility and community resource utilization were also included.

The assessment of a national probability sample of approximately 1,300 adults was administered by trained interviewers. Each adult respondent was asked to complete a background questionnaire and to complete from one to four test booklets. The health survey was one of the four. Each respondent read the questions and recorded his or her answers in the appropriate booklet. The estimated completion time for each booklet was 45 minutes, but respondents were asked to work until they had completed all the questions.

Exercises, Documentation Pages and Data Tables

Each exercise in this section is immediately followed by its accompanying documentation page and data table. Following is a sample of this format.

Sample Health Exercise

Betty has been sick for a week. Her doctor has prescribed a brand name medicine that costs $8 for a bottle of 20 tablets. If Betty wants to get the medicine at a lower price per tablet, which of the following actions would be appropriate for her to take and which would be inappropriate?

	Appropriate Action	Inappropriate Action	I don't know.
A. Ask the druggist for a larger bottle of tablets.	(1)	●	(3)
B. Ask her doctor to prescribe the medicine by its generic or chemical name.	●	(2)	(3)
C. Ask the druggist for a non-prescription medicine that is cheaper in price.	(1)	●	(3)
D. Ask her doctor to prescribe an equally effective medicine that has a lower price per tablet.	●	(2)	(3)

Sample Health Documentation Page

NAEP #:	I-102015-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Consumer Skills	
MAJOR OBJECTIVE:	Selects needed products and services identified during planning	
Reporting Theme:	Health Care Services	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	15-22	03-32

Sample Health Data Table

EXERCISE: I-102015-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	NCEUP	NCESP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	56.3	51.2*	61.3*				
17 SE OF P-VALUE	1.3	2.0	1.6				
AD P-VALUE	70.5	68.2*	72.6*	72.9*	59.0*	74.3	68.2
AD SE OF P-VALUE	1.8	2.3	2.0	2.1	4.9	1.6	2.8
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	35.1	34.1	36.0				
17 SE OF P-VALUE	1.2	2.1	1.7				
AD P-VALUE	65.2	65.6	64.8	68.1*	48.0*	70.2*	62.0*
AD SE OF P-VALUE	2.0	2.9	2.3	2.1	4.1	3.4	2.3
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	64.9	62.2	67.5				
17 SE OF P-VALUE	1.9	2.5	2.3				
AD P-VALUE	83.7	83.3	84.0	86.9*	66.4*	84.4	83.3
AD SE OF P-VALUE	1.4	1.5	1.9	1.2	4.8	1.5	2.1
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	78.1	72.7*	83.2*				
17 SE OF P-VALUE	1.5	2.1	1.7				
AD P-VALUE	81.5	80.9	82.0	84.4*	68.7*	83.3	80.4
AD SE OF P-VALUE	1.6	2.7	1.5	1.5	4.9	2.4	2.2

How To Read the Sample Data Table

The sample data table displays results for Exercise I-102015-818-34. Data tables are ordered numerically by their unique NAEP identification numbers. The data table following each documentation page displays the results for the correct answer to the exercises shown in this volume. The names of the reporting groups are displayed across the top of the table, and the exercise parts are listed down the pages in alphabetical order.

Results for each part of multipart exercises are reported separately by age and are designated by exercise-part labels. When an exercise contains only one question or part, the exercise-part label is not printed. Each exercise-part label corresponds to a data tape field position number -- in this case part A corresponds to (A001/001), part B corresponds to (A002/002), part C corresponds to (A003/003), etc.

Data for only the correct response category are given, although this response category number is marked with an asterisk (used in National Assessment data tables to indicate the correct choice). The response category number (02*) in part A of the sample data table can be used to reference response categories in other National Assessment materials. Percentages (p-values) and their standard errors (SE of p-values) for both the nation and selected groups are presented across the data tables. Each set of percentages and standard errors is designated by age level. The sample data table shows results for 17-year-olds (17) and adults (AD).

The data table shows that the national percentage of 17-year-olds choosing the correct response for part A of this exercise was 56.3%, and the national percentage of adults choosing the correct response was 70.5%. Notice that the 17-year-olds' p-values, or percentages, for both males and females have asterisks. This means that 95 out of 100 times 17-year-olds who are male would perform below the national level while 17-year-olds who are female would perform above the nation, since the difference between each of these groups and the nation is more than twice the standard error of that difference.

Consultants Who Participated in the Development of the Health Assessment

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Henry Cooper, Head of Adolescent Clinic, University of Colorado Medical School, Denver, Colorado

William Cuzner, Methodist Minister, Specialist in Family Relations

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Betty has been sick for a week. Her doctor has prescribed a brand name medicine that costs $8 for a bottle of 20 tablets. If Betty wants to get the medicine at a lower price per tablet, which of the following actions would be appropriate for her to take and which would be inappropriate?

	Appropriate Action	Inappropriate Action	I don't know.
A. Ask the druggist for a larger bottle of tablets.	(1)	●	(3)
B. Ask her doctor to prescribe the medicine by its generic or chemical name.	●	(2)	(3)
C. Ask the druggist for a non-prescription medicine that is cheaper in price.	(1)	●	(3)
D. Ask her doctor to prescribe an equally effective medicine that has a lower price per tablet.	●	(2)	(3)

I 102015 818 3,4

NAEP #:	I-102015-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Consumer Skills	
MAJOR OBJECTIVE:	Selects needed products and services identified during planning	
Reporting Theme:	Health Care Services	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	15-22	03-32

EXERCISE: I-102015-812-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	56.3	51.2*	61.3*				
17 SE OF P-VALUE	1.3	2.0	1.6				
AD P-VALUE	70.5	68.2*	72.6*	72.9*	59.0*	74.3	68.2
AD SE OF P-VALUE	1.8	2.3	2.0	2.1	4.9	1.6	2.8
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	35.1	34.1	36.0				
17 SE OF P-VALUE	1.2	2.1	1.7				
AD P-VALUE	65.2	65.6	64.8	68.1*	48.0*	70.2*	62.0*
AD SE OF P-VALUE	2.0	2.9	2.3	2.1	4.1	3.4	2.3
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	64.9	62.2	67.5				
17 SE OF P-VALUE	1.9	2.5	2.3				
AD P-VALUE	83.7	83.3	84.0	86.9*	66.4*	84.4	83.3
AD SE OF P-VALUE	1.4	1.5	1.9	1.2	4.8	1.5	2.1
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	78.1	72.7*	83.2*				
17 SE OF P-VALUE	1.5	2.1	1.7				
AD P-VALUE	81.5	80.9	82.0	84.4*	68.7*	83.3	80.4
AD SE OF P-VALUE	1.6	2.7	1.5	1.5	4.9	2.4	2.2

A. You are visiting your friend who has a six-month-old baby girl. In playing with the child, you notice bruises on her back. In talking with your friend, you find out that she is really tired of taking care of the baby and gets very impatient with her. What should you do?

(1) Ignore the bruises because it is none of your business.

(2) Accuse your friend of beating her child.

● Suggest that your friend call her baby's doctor about the bruises.

(4) None of the above

(5) I don't know.

B. You inquire about the baby's bruises and your friend says that the baby fell out of her crib. You are now suspicious that your friend may have hurt the baby intentionally, because she did not seek help. The law in your state says that a person who reports possible child abuse is protected by law if the person chooses to remain anonymous. What should you do next?

(1) Do nothing more; you have done all that you can by sharing your concern with your friend.

● Call the local child health agency and report your suspicions.

(3) Call the police and have them take the child away from the mother.

(4) Stay with your friend to make sure she does not harm the baby again.

(5) None of the above

(6) I don't know.

[illegible]

NAEP #: I-200001-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: No assigned major objective

Reporting Theme: Health Care Services

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

	17	Adult
Overlap:		
Package-Exercise:	16-16	03-22

EXERCISE: I-200001-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 03* (A001/001)							
17 P-VALUE	62.5	57.0*	67.7*				
17 SE OF P-VALUE	1.6	2.1	2.2				
AD P-VALUE	70.5	65.5*	74.9*	70.8	71.2	70.1	70.8
AD SE OF P-VALUE	1.1	2.0	2.0	1.4	2.3	1.5	1.6
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	68.9	61.1*	76.1*				
17 SE OF P-VALUE	1.5	2.4	1.9				
AD P-VALUE	87.7	85.7	89.3	89.8*	76.9*	86.4	88.4
AD SE OF P-VALUE	1.3	1.8	1.5	1.3	2.6	1.7	1.7

Which of the following statements about rape are true and which are false?

	True	False	I don't know.
A. Rape seldom causes serious physical or emotional damage to a woman.	○	●	○
B. A rape victim has the right to file a legal complaint against her assailant.	●	○	○
C. A woman who is raped usually has provoked the attack in some way.	○	●	○
D. Rape can cause emotional upset even after an extended period of time.	●	○	○
E. A rape victim has the option of obtaining a medical examination to check for injuries, VD, or possible pregnancy.	●	○	○
F. A man who rapes a woman usually causes her extensive emotional problems.	●	○	○

I-200002-818-4

NAEP #: I-200002-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: No assigned major objective

Reporting Theme: Human Sexuality

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-29

EXERCISE: I-200002-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	88.5	87.6	89.3	93.3*	68.4*	89.8	87.7
AD SE OF P-VALUE	1.4	1.9	1.5	1.2	3.6	2.1	2.0
PART B RESPONSE: 01* (A002/002)							
AD P-VALUE	97.0	96.4	97.5	98.6*	90.7*	96.7	97.2
AD SE OF P-VALUE	0.6	0.9	0.6	0.4	2.2	1.0	0.8
PART C RESPONSE: 02* (A003/003)							
AD P-VALUE	87.7	83.4*	91.4*	91.6*	73.2*	89.3	86.7
AD SE OF P-VALUE	1.1	1.9	1.0	1.0	3.1	1.6	1.6
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	95.0	93.8	96.0	96.3*	90.5	95.8	94.4
AD SE OF P-VALUE	0.7	0.9	1.0	0.7	2.5	0.9	1.0
PART E RESPONSE: 01* (A005/005)							
AD P-VALUE	91.4	91.2	91.6	92.3	88.2	92.1	90.9
AD SE OF P-VALUE	0.9	1.1	1.1	0.9	2.5	1.5	1.1
PART F RESPONSE: 01* (A006/006)							
AD P-VALUE	87.2	86.1	88.0	88.0	84.2	88.4	86.3
AD SE OF P-VALUE	1.3	1.7	1.4	1.3	2.6	1.6	1.7

Does each of the following indicate the need for an eye examination by a doctor?

	Yes	No	I don't know.
A. Frequent headaches	●	(2)	(3)
B. Blurring of vision	●	(2)	(3)
C. Sudden sharp pain in one eye	●	(2)	(3)
D. Pus draining from the eye	●	(2)	(3)

1-201002-818-3

NAEP #: 1-201002-818-3
ASSESSMENT PROBE AREA: BASIC LIFE SKILLS
SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 - Group

Age: 17
Package-Exercise: 13-05

EXERCISE: I-201002-818-3

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	76.9	72.3*	81.5*				
17 SE OF P-VALUE	1.3	2.0	1.6				
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	96.7	95.2*	98.1*				
17 SE OF P-VALUE	0.6	0.9	0.6				
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	77.6	76.7	78.5				
17 SE OF P-VALUE	1.3	1.9	1.8				
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	80.6	77.2*	83.9*				
17 SE OF P-VALUE	1.6	2.3	1.7				

Is a pap smear commonly used to detect each of the following?

	Pap Smear Commonly Used	Pap Smear Not Commonly Used	I don't know.
A. Tuberculosis	○	●	○
B. Syphilis	○	●	○
C. Cervical cancer	●	○	○
D. Pregnancy	○	●	○
E. Gonorrhea	○	●	○
F. Anemia	○	●	○
G. Breast cancer	○	●	○

I-201003-818-4

NAEP #: I-201003-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-38

EXERCISE: I-201003-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	78.8	67.7*	88.5*	83.2*	64.5*	77.6	79.6
AD SE OF P-VALUE	1.6	2.5	1.7	1.4	4.5	2.4	2.1
PART B RESPONSE: 02* (A002/002)							
AD P-VALUE	31.1	33.0	29.5	33.3*	22.3*	32.4	30.3
AD SE OF P-VALUE	1.4	2.1	2.1	1.7	2.5	2.2	1.9
PART C RESPONSE: 01* (A003/003)							
AD P-VALUE	88.4	81.6*	94.3*	91.8*	78.1*	87.7	88.8
AD SE OF P-VALUE	1.1	1.7	1.4	1.0	3.8	1.5	1.5
PART D RESPONSE: 02* (A004/004)							
AD P-VALUE	63.9	54.9*	71.8*	68.4*	46.8*	62.8	64.6
AD SE OF P-VALUE	1.7	2.1	2.5	1.6	4.3	2.6	2.4
PART E RESPONSE: 02* (A005/005)							
AD P-VALUE	26.8	27.8	25.9	28.5*	19.3*	29.1	25.3
AD SE OF P-VALUE	1.4	2.1	2.1	1.5	2.5	2.1	1.9
PART F RESPONSE: 02* (A006/006)							
AD P-VALUE	78.8	67.7*	88.5*	82.3*	66.4*	80.8	77.6
AD SE OF P-VALUE	1.7	2.4	1.8	1.5	6.4	2.4	2.3
PART G RESPONSE: 02* (A007/007)							
AD P-VALUE	79.4	70.8*	86.8*	83.1*	68.1*	80.8	78.5
AD SE OF P-VALUE	1.5	2.2	2.0	1.4	4.4	1.9	2.1

Is each of the following a common sign of abuse of the drug known as "speed" ("uppers" or dexedrine)?

	Yes	No	I don't know.
A. Increased appetite	(1)	●	(3)
B. Overactivity and jitteriness	●	(2)	(3)
C. Shortness of temper	●	(2)	(3)
D. Difficulty sleeping	●	(2)	(3)
E. Increasing amounts of the drug needed to maintain level of energy	●	(2)	(3)
F. Decreased heart rate and blood pressure	(1)	●	(3)

1 201005 818-3

NAEP #: 1-201005-818-3

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Cigarettes, Alcohol and Drugs

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 - Group

Age: 17
Package-Exercise: 16-14

EXERCISE: I-201005-818-3

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	37.9	33.6*	42.0*				
17 SE OF P-VALUE	1.5	2.0	1.9				
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	79.3	77.0*	81.5*				
17 SE OF P-VALUE	1.8	2.3	1.9				
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	53.5	54.7	52.5				
17 SE OF P-VALUE	1.5	2.1	2.3				
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	67.2	63.8*	70.4*				
17 SE OF P-VALUE	2.0	2.6	1.9				
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	68.6	61.9*	74.8*				
17 SE OF P-VALUE	1.7	2.5	2.1				
PART F RESPONSE: 02* (A006/006)							
17 P-VALUE	47.1	49.8	44.6				
17 SE OF P-VALUE	1.9	2.7	2.1				

Jane knows that most accidents occur at or near home. Would each of the following be an important safety measure for her to take?

	Yes	No	I don't know.
A. Have the electrical wiring in her apartment checked.	●	(2)	(3)
B. Paper the walls to cover up cracks in the plaster.	(1)	●	(3)
C. Close the kitchen or bathroom door while she is cleaning with ammonia.	(1)	●	(3)
D. Keep the windows closed to conserve heat when using gas space heaters.	(1)	●	(3)
E. Post a list of emergency phone numbers.	●	(2)	(3)
F. Unplug the toaster when not in use.	(1)	●	(3)
G. Keep her hands dry when handling electrical appliances.	●	(2)	(3)

1-201007-81A-3,4

NAEP #:	1-201007-H1A-3,4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Theme:	Accident Prevention
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 ---- Group Adult - Individual

Overlap:	17	Adult
Package-Exercise:	13-14	03-04

EXERCISE: I-201007-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	95.0	93.1*	96.9*				
17 SE OF P-VALUE	0.6	1.2	0.7				
AD P-VALUE	94.1	91.6*	96.2*	96.0*	88.8*	93.8	94.2
AD SE OF P-VALUE	0.9	1.5	1.0	0.6	2.0	1.5	1.1
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	72.5	74.2	70.9				
17 SE OF P-VALUE	1.7	2.3	2.2				
AD P-VALUE	80.3	86.9*	74.6*	84.4*	58.8*	84.0*	78.0*
AD SE OF P-VALUE	1.4	1.6	2.3	1.4	4.1	2.1	1.9
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	76.0	75.3	76.6				
17 SE OF P-VALUE	1.5	2.2	1.8				
AD P-VALUE	85.3	85.6	85.1	88.4*	70.1*	88.9*	83.1*
AD SE OF P-VALUE	1.1	1.6	1.4	1.2	1.9	1.5	1.7
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	49.7	52.0	47.5				
17 SE OF P-VALUE	1.6	2.3	2.2				
AD P-VALUE	65.8	74.2*	58.6*	68.5*	48.2*	67.7	64.7
AD SE OF P-VALUE	1.7	2.2	2.3	1.9	3.2	2.4	2.3
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	98.0	96.7*	99.3*				
17 SE OF P-VALUE	0.5	0.8	0.4				
AD P-VALUE	97.9	98.4	97.5	99.2*	93.4*	99.4*	97.0*
AD SE OF P-VALUE	0.5	0.5	0.8	0.3	1.5	0.2	0.8
PART F RESPONSE: 02* (A006/006)							
17 P-VALUE	13.0	14.6	11.4				
17 SE OF P-VALUE	1.0	1.6	1.2				
AD P-VALUE	13.2	12.0	14.3	14.0	9.0	14.8	12.2
AD SE OF P-VALUE	0.9	1.8	1.5	1.1	2.0	1.7	1.0
PART G RESPONSE: 01* (A007/007)							
17 P-VALUE	97.5	96.1*	98.8*				
17 SE OF P-VALUE	0.4	0.7	0.5				
AD P-VALUE	97.2	97.7	96.9	98.3*	94.8	97.7	97.0
AD SE OF P-VALUE	0.8	1.0	1.1	0.7	1.7	0.9	1.1

Should a person do each of the following things if the person strongly suspects that he or she has VD (veneral disease)?

	Yes	No	I don't know.
A. Let his or her sexual partner know.	●	○	○
B. Receive treatment and follow-up by a doctor or clinic.	●	○	○
C. Abstain from sexual activity until treated.	●	○	○

I-201009-818-4

NAEP #:	I-201009-818-4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Themes:	A. Diseases and Disorders B. Human Sexuality
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Adult - Individual
Age:	Adult
Package-Exercise:	03-39

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EXERCISE: I-201009-818-4

                                 |        SEX        |      RACE      |      CCS
                                 |                   |                |
                           NATION|  MALE    FEMALE   | WHITE   BLACK  | BC&UP   MC&SP

PART A   RESPONSE:   01*   (A001/001)

     AD P-VALUE             97.1     96.8    97.2     98.3*   90.7*    97.6    96.7
     AD SE OF P-VALUE        0.6      1.1     0.5      0.6     2.1      0.5     1.0

PART B   RESPONSE:   01*   (A002/002)

     AD P-VALUE             98.2     98.2    98.1     98.9*   93.3*    98.7    97.9
     AD SE OF P-VALUE        0.4      0.6     0.6      0.3     1.7      0.4     0.6

PART C   RESPONSE:   01*   (A003/003)

     AD P-VALUE             96.6     96.9    96.4     98.4*   88.0*    97.1    96.3
     AD SE OF P-VALUE        0.6      0.9     0.7      0.3     3.3      0.8     1.1
```

The drinking of alcoholic beverages has various effects on the human body.

Which of the following statements are true and which are false?

	True	False	I don't know.
A. Alcohol has the effect of depressing the body's functioning.	●	(2)	(3)
B. A person can become physically addicted to alcohol.	●	(2)	(3)
C. Alcohol affects driving ability after the first of several drinks.	●	(2)	(3)
D. Continuous and heavy use of alcohol causes damage to the liver and brain.	●	(2)	(3)

I-201011-81A 3,4

NAEP #: I-201011-81P-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Cigarettes, Alcohol and Drugs

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	16-09	03-35

EXERCISE: I-201011-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	90.1	88.8	91.3				
17 SE OF P-VALUE	1.0	1.5	1.4				
AD P-VALUE	94.5	95.6	93.5	96.6*	88.1*	95.5	93.8
AD SE OF P-VALUE	0.7	0.7	1.1	0.7	2.3	0.9	0.9
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	85.8	82.6*	88.8*				
17 SE OF P-VALUE	1.0	1.5	1.6				
AD P-VALUE	95.4	94.3	96.5	96.6	88.4*	95.7	95.3
AD SE OF P-VALUE	0.8	1.2	0.8	0.6	3.4	1.2	1.0
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	81.2	80.4	82.0				
17 SE OF P-VALUE	1.2	1.6	1.8				
AD P-VALUE	93.7	95.1	92.4	94.0	94.4	92.4	94.5
AD SE OF P-VALUE	0.7	1.0	1.2	0.8	1.0	1.0	1.0
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	95.8	93.6*	97.8*				
17 SE OF P-VALUE	0.6	0.9	0.6				
AD P-VALUE	98.1	98.4	97.9	99.4*	92.3*	98.5	97.9
AD SE OF P-VALUE	0.4	0.4	0.7	0.2	2.0	0.4	0.8

Sam knows that eating right is important for good health. He has just moved into an apartment by himself and has started his first job. He doesn't have much money and he wants to stay healthy. Which of the following are important considerations if he doesn't have much money and wants to have a healthy diet and which are not important considerations?

	Important consideration	Not an important consideration	I don't know.
A. Which items on his shopping list are bargains for the day	●	**(2)**	**(3)**
B. The attractiveness of the box or wrapper	**(1)**	●	**(3)**
C. Which foods are high in protein	●	**(2)**	**(3)**
D. How to buy for one person	●	**(2)**	**(3)**
E. How long the food will keep	●	**(2)**	**(3)**
F. The nutritional value noted on the labels	●	**(2)**	**(3)**
G. Whether the product is advertised on television	**(1)**	●	**(3)**
H. Comparison of the price and the unit weight of items	●	**(2)**	**(3)**

I-201012-818-3,4

NAEP #: I-201012-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Nutrition

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

	17	Adult
Overlap:		
Package-Exercise:	17-11	03-33

EXERCISE: I-201012-81B-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	81.9	77.8*	86.1*				
17 SE OF P-VALUE	1.7	2.4	1.7				
AD P-VALUE	75.7	71.3*	79.6*	77.1*	72.7	76.7	75.1
AD SE OF P-VALUE	1.8	2.9	2.0	2.1	2.8	3.6	1.9
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	94.7	93.0*	96.4*				
17 SE OF P-VALUE	0.9	1.4	0.8				
AD P-VALUE	95.3	95.1	95.4	97.9*	80.4*	97.0	94.2
AD SE OF P-VALUE	0.9	1.0	1.3	0.6	2.9	0.7	1.4
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	94.5	92.6*	96.4*				
17 SE OF P-VALUE	0.8	1.3	0.8				
AD P-VALUE	95.4	96.0	94.8	97.2	83.4*	97.4	94.1*
AD SE OF P-VALUE	1.1	0.8	1.5	0.6	4.5	0.6	1.6
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	88.3	83.6*	93.1*				
17 SE OF P-VALUE	1.1	1.8	1.1				
AD P-VALUE	93.6	92.7	94.4	95.2*	85.1*	95.7	92.4*
AD SE OF P-VALUE	1.0	1.2	1.5	0.8	3.3	1.2	1.4
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	89.9	87.8*	91.9*				
17 SE OF P-VALUE	1.0	1.6	1.2				
AD P-VALUE	92.4	92.6	92.1	94.9*	79.0*	94.8	90.8
AD SE OF P-VALUE	1.2	1.3	1.6	0.8	4.7	0.9	1.8
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	92.4	90.8	94.1				
17 SE OF P-VALUE	1.0	1.5	1.0				
AD P-VALUE	93.6	92.0	95.0	96.0*	79.8*	94.0	93.3
AD SE OF P-VALUE	1.1	1.3	1.4	0.7	4.2	1.3	1.7
PART G RESPONSE: 02* (A007/007)							
17 P-VALUE	95.2	93.8*	96.7*				
17 SE OF P-VALUE	0.9	1.4	0.8				
AD P-VALUE	95.2	95.0	95.3	98.2*	81.3*	96.1	94.6
AD SE OF P-VALUE	0.9	1.1	1.0	0.5	3.5	0.9	1.3

EXERCISE: I-201012-818-34

PART H RESPONSE: 01* (A008/008)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
17 P-VALUE	80.9	78.0	83.8				
17 SE OF P-VALUE	1.6	2.6	1.8				
AD P-VALUE	84.7	83.5	85.7	88.5*	63.7*	86.8	83.4
AD SE OF P-VALUE	1.5	2.3	1.9	1.1	6.4	1.6	2.5

Sally and her twin brother John are 17. They saw a TV program about the way the human body and mind work. They were interested in changes happening to themselves in the course of growing up, so they made the list shown below. Which of the items in the list are normal and which are abnormal?

	Normal	Abnormal	I don't know.
A. Eyesight becomes blurred	(1)	●	(3)
B. Feelings of doubt about the future	●	(2)	(3)
C. Desire for independence from family	●	(2)	(3)
D. Concern about appearance	●	(2)	(3)
E. Dental cavities	●	(2)	(3)
F. Frequent headaches	(1)	●	(3)
G. Mole that increases in size	(1)	●	(3)
H. Pimples on the face	●	(2)	(3)

1 201019 818 3

NAEP #:	1-201019-818-3
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Theme:	Diseases and Disorders
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 - Group
Age:	17
Package-Exercise:	15-13

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EXERCISE: I-201019-818-3

                                       |     SEX       |     RACE       |     CCS
                                       |               |                |
                                 NATION|  MALE  FEMALE| WHITE   BLACK  | BC&UF   MC&SP

PART A   RESPONSE:  02*   (A001/001)

     17 P-VALUE          79.5    78.2   80.7
     17 SE OF P-VALUE     1.3     1.8    1.8

PART B   RESPONSE:  01*   (A002/002)

     17 P-VALUE          89.5    84.9*  93.8*
     17 SE OF P-VALUE     1.2     1.8    1.1

PART C   RESPONSE:  01*   (A003/003)

     17 P-VALUE          91.2    88.9*  93.3*
     17 SE OF P-VALUE     0.9     1.4    1.0

PART D   RESPONSE:  01*   (A004/004)

     17 P-VALUE          95.2    94.1   96.2
     17 SE OF P-VALUE     0.8     1.1    1.0

PART E   RESPONSE:  0[illegible]   (A005/005)

     17 P-VALUE          66.7    65.6   67.7
     17 SE OF P-VALUE     1.4     2.1    2.1

PART F   RESPONSE:  02*   (A006/006)

     17 P-VALUE          82.0    81.3   82.5
     17 SE OF P-VALUE     1.1     1.5    1.8

PART G   RESPONSE:  02*   (A007/007)

     17 P-VALUE          77.9    74.4*  81.1*
     17 SE OF P-VALUE     1.1     1.7    1.2

PART H   RESPONSE:  01*   (A008/008)

     17 P-VALUE          88.8    86.3*  91.1*
     17 SE OF P-VALUE     1.0     1.6    1.2
```

Which of the following statements about people who seek psychiatric help are true and which are false?

	True	False	I don't know.
A. A person who seeks psychiatric help is always mentally ill.	(1)	●	(3)
B. A person who seeks psychiatric help may be going through a period of change in his or her life.	●	(2)	(3)
C. A person who seeks psychiatric help may be no different than his or her friends, but may need advice from an objective person who has ideas on how to handle certain problems.	●	(2)	(3)
D. A person who seeks psychiatric help usually has problems that involve other members of the family.	●	(2)	(3)
E. A person who seeks psychiatric help is routinely placed in a mental institution.	(1)	●	(3)

1 201023-818 3,4

NAEP #: 1-201023-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Health Care Services

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 ___ Adult
Package-Exercise: 17-04 03-11

EXERCISE: I-201023-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	93.5	91.6*	95.5*				
17 SE OF P-VALUE	0.8	1.3	0.9				
AD P-VALUE	95.9	96.3	95.4	98.6*	85.2*	96.0	95.8
AD SE OF P-VALUE	0.9	1.1	1.2	0.4	2.6	1.1	1.2
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	96.1	95.9	96.4				
17 SE OF P-VALUE	0.5	0.8	0.8				
AD P-VALUE	94.3	94.1	94.5	95.7*	86.8*	93.2	95.0
AD SE OF P-VALUE	1.0	1.2	1.4	0.8	2.5	1.5	1.2
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	94.2	92.3*	96.1*				
17 SE OF P-VALUE	0.9	1.4	0.9				
AD P-VALUE	95.1	94.6	95.5	96.9*	87.4*	96.6	94.2
AD SE OF P-VALUE	0.9	0.8	1.3	0.6	3.8	0.9	1.3
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	48.4	43.9*	53.0*				
17 SE OF P-VALUE	1.4	1.8	2.2				
AD P-VALUE	58.0	57.5	58.5	60.9*	44.1*	59.8	56.9
AD SE OF P-VALUE	1.5	2.5	2.2	1.7	3.6	2.3	2.1
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	93.7	92.2*	95.3*				
17 SE OF P-VALUE	0.7	1.1	0.9				
AD P-VALUE	95.2	96.4*	94.2*	97.8*	84.4*	96.3	94.6
AD SE OF P-VALUE	0.7	0.8	0.8	0.6	1.9	0.9	1.0

Below are statements about how to lift a heavy object from the floor. Is each one a correct technique or an incorrect technique?

	Correct technique	Incorrect technique	I don't know.
A. The object should be carried away from the body so that you can see where you are going.	(1)	●	(3)
B. The back muscles should do more of the lifting than the leg muscles.	(1)	●	(3)
C. The arms and elbows should be tucked in close to the body.	●	(2)	(3)
D. The weight of the body should be centered over the feet.	●	(2)	(3)

1201024H18 1,4

NAEP #: 1-201024-H18-1,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Accident Prevention

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	15-19	03-14

EXERCISE: I-201024-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	54.6	59.6*	49.8*				
17 SE OF P-VALUE	1.8	2.1	2.5				
AD P-VALUE	67.5	79.4*	57.1*	72.6*	39.8*	71.7	64.8*
AD SE OF P-VALUE	2.0	2.3	2.3	1.6	4.2	2.1	2.8
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	80.9	86.8*	75.3*				
17 SE OF P-VALUE	1.3	1.3	1.9				
AD P-VALUE	86.4	92.0*	81.5*	89.5*	70.0*	85.2	87.1
AD SE OF P-VALUE	1.5	1.9	1.6	1.7	2.9	1.4	2.3
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	74.0	73.0	74.8				
17 SE OF P-VALUE	1.3	2.2	2.2				
AD P-VALUE	84.4	90.7*	78.9*	86.5*	70.2*	85.8	83.5
AD SE OF P-VALUE	1.2	1.2	1.9	1.3	2.7	1.3	1.7
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	77.6	80.9*	74.4*				
17 SE OF P-VALUE	1.6	1.8	2.2				
AD P-VALUE	85.8	92.0*	80.5*	89.4*	66.4*	85.9	85.8
AD SE OF P-VALUE	1.2	1.4	1.7	1.1	2.6	1.7	1.5

Which one of the following is the best treatment for minor burns?

- ● **Submerge the affected area in cold water.**
- **(2) Spray the affected area with an antiseptic.**
- **(3) Coat the affected area with an ointment.**
- **(4) Break and clean any blisters.**

- **(5) I don't know.**

I 201025-818 1

NAEP #: I-201025-818-3

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 - Group

Age: 17
Package-Exercise: 14-14

EXERCISE: I-201025-818-3

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 01* (A001/001)							
17 P-VALUE	39.6	30.1*	48.1*				
17 SE OF P-VALUE	2.3	2.6	2.5				

Kim is at a party with friends where drugs are being used. She passes out suddenly from an overdose of drugs, and none of her friends knows what she has taken. Which of the following would be effective actions for her friends to take and which would not be effective?

	Effective action	Not effective action	I don't know.
A. Get Kim up and walk her around.	●	(2)	(3)
B. Immediately give Kim various antidotes (cures) until they find the one that seems to start bringing her around.	(1)	●	(3)
C. Allow Kim to sleep - the natural processes of her body will correct the condition.	(1)	●	(3)
D. Get immediate medical help for Kim.	●	(2)	(3)
E. Keep any remaining drugs available to help the doctor identify the drugs Kim used.	●	(2)	(3)

I 201028 818 3,4

NAEP #: I-201028-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

	17	Adult
Overlap:		
Package-Exercise:	14-30	03-41

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EXERCISE: I-201028-818-34

                                   |       SEX        |      RACE       |      CCS
                                   |                  |                 |
                             NATION|  MALE   FEMALE|  WHITE   BLACK |  BC&UP   MC&SP

PART A  RESPONSE:  01*  (A001/001)

      17 P-VALUE             17.2     15.4    18.9
      17 SE OF P-VALUE        1.5      1.8     2.1
      AD P-VALUE             69.2     69.0    69.4     67.8*   74.6      72.3    67.3
      AD SE OF P-VALUE        1.7      2.3     2.5      1.9     3.8       2.1     2.3

PART B  RESPONSE:  02*  (A002/002)

      17 P-VALUE             29.1     25.6*   32.4*
      17 SE OF P-VALUE        2.7      2.9     3.0
      AD P-VALUE             91.2     91.3    91.2     95.1*   74.2*     91.9    90.8
      AD SE OF P-VALUE        1.1      1.3     1.5      0.8     4.2       1.5     1.4

PART C  RESPONSE:  02*  (A003/003)

      17 P-VALUE             26.5     21.9*   30.6*
      17 SE OF P-VALUE        2.5      2.5     2.8
      AD P-VALUE             93.3     92.7    93.9     95.7*   81.3*     94.7    92.5
      AD SE OF P-VALUE        1.0      1.5     1.0      0.8     3.4       1.3     1.4

PART D  RESPONSE:  01*  (A004/004)

      17 P-VALUE             29.7     25.7*   33.4*
      17 SE OF P-VALUE        2.8      3.0     3.1
      AD P-VALUE             97.5     96.7    98.2     98.7*   91.4*     97.3    97.6
      AD SE OF P-VALUE        0.6      0.7     0.6      0.3     2.5       0.9     0.8

PART E  RESPONSE:  01*  (A005/005)

      17 P-VALUE             28.1     24.1*   31.7*
      17 SE OF P-VALUE        2.7      2.8     3.0
      AD P-VALUE             95.5     94.7    96.2     97.2*   88.2*     94.3    96.3
      AD SE OF P-VALUE        0.6      1.0     0.9      0.5     3.2       0.7     1.1
```

What do you think about the connection between cigarette smoking and health? Choose one of the following. Smoking is

- ● definitely harmful.
- (2) probably harmful.
- (3) definitely not harmful.
- (4) probably not harmful.
- (5) I have no opinion.

I-201030-818 3

NAEP #:	I-201030-818-3
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Theme:	Cigarettes, Alcohol and Drugs
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 - Group
Age:	17___
Package-Exercise:	16-12

EXERCISE: I-201030-818-3

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 01* (A001/001)							
17 P-VALUE	78.7	79.5	77.9				
17 SE OF P-VALUE	1.6	1.8	2.2				

Acne is a common condition. Which of the following statements about acne are true and which are false?

	True	False	I don't know.
A. Acne is worse in some families than in others.	●	(2)	(3)
B. Vigorous, rough scrubbing of acne lesions (pimples) causes marked improvement.	(1)	●	(3)
C. Eating chocolate and sweets are the major causes of acne.	(1)	●	(3)
D. Some medicines can aggravate acne.	●	(2)	(3)

1-201032-818-3

NAEP #:	1-201032-818-3
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Theme:	Diseases and Disorders
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 - Group
Age:	17
Package-Exercise:	13-25

```
EXERCISE: I-201032-818-3

                                    |     SEX      |     RACE      |     CCS
                                    |              |               |
                              NATION|  MALE  FEMALE| WHITE   BLACK | BC&UP   MC&SP

PART A   RESPONSE:  01*   (A001/001)

     17 P-VALUE              78.5     74.3*  82.6*
     17 SE OF P-VALUE         1.3      1.9    1.6

PART B   RESPONSE:  02*   (A002/002)

     17 P-VALUE              60.2     52.3*  68.0*
     17 SE OF P-VALUE         1.4      1.9    2.2

PART C   RESPONSE:  02*   (A003/003)

     17 P-VALUE              36.8     28.4*  45.0*
     17 SE OF P-VALUE         1.6      1.8    2.7

PART D   RESPONSE:  01*   (A004/004)

     17 P-VALUE              82.0     77.2*  86.7*
     17 SE OF P-VALUE         1.2      1.6    1.4
```

Which of the following statements about accidents and first aid are true and which are false?

	True	False	I don't know.
A. A tourniquet is preferred for the control of severe bleeding from a wound of the lower arm.	(1)	●	(3)
B. Excessive speed by young drivers is the most frequent improper driving practice that leads to motor vehicle accidents.	●	(2)	(3)
C. First aid ointments are effective ways of treating severe burns.	(1)	●	(3)
D. The bite of an animal does not require medical attention unless the wound is deep or the person bitten is in pain.	(1)	●	(3)
E. A foreign object in a person's eye should be removed with a pair of tweezers.	(1)	●	(3)
F. In cases of poisoning, always try to induce vomiting.	(1)	●	(3)

1-201033-818-3,4

(Continued)

	True	False	I don't know.
G. A slap on the back is a good technique to use to try to stop someone from choking.	(1)	●	(3)
H. If blood soaks through a pad that is being used to control bleeding, that pad should be replaced.	(1)	●	(3)
I. Seat and/or shoulder belts in cars need not be used when a person is driving a very short distance.	(1)	●	(3)
J. Between the ages of one and thirty-eight, accidents are the leading cause of death.	●	(2)	(3)
K. The average person may die if the oxygen supply is cut off for six minutes.	●	(2)	(3)
L. If a victim of a serious accident complains of thirst, it is all right to give that person something to drink.	(1)	●	(3)
M. It is important to remove foreign matter from a person's mouth before beginning any artificial respiration.	●	(2)	(3)

1 201033 818 3,4

NAEP #: 1-201033-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Themes:
A. Accident Prevention
B. Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

	17	Adult
Overlap:	17	Adult
Package-Exercise:	12-05	03-30

EXERCISE: I-201033-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	33.0	36.0*	30.3*				
17 SE OF P-VALUE	1.5	2.2	1.7				
AD P-VALUE	28.6	35.8*	22.3*	31.7*	15.9*	25.4	30.6
AD SE OF P-VALUE	1.9	2.5	2.1	2.2	2.6	2.0	2.7
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	78.1	75.4*	80.6*				
17 SE OF P-VALUE	1.3	1.8	1.7				
AD P-VALUE	72.1	72.4	71.9	71.8	74.6	70.7	73.0
AD SE OF P-VALUE	1.7	2.3	2.1	1.9	4.6	2.3	2.5
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	50.1	48.1	52.0				
17 SE OF P-VALUE	1.6	2.5	2.0				
AD P-VALUE	72.4	69.3	75.1	77.7*	44.6*	72.2	72.6
AD SE OF P-VALUE	1.5	2.1	2.2	1.6	3.1	2.3	2.2
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	92.4	91.5	93.2				
17 SE OF P-VALUE	0.8	1.3	1.0				
AD P-VALUE	88.5	90.8*	86.5*	90.9*	81.4*	90.9	87.1
AD SE OF P-VALUE	1.0	1.1	1.6	1.1	2.9	1.5	1.4
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	92.1	91.9	92.2				
17 SE OF P-VALUE	0.8	1.2	0.9				
AD P-VALUE	94.6	96.1*	93.3*	97.2*	81.4*	95.9	93.8
AD SE OF P-VALUE	1.0	0.8	1.5	0.5	4.4	1.0	1.5
PART F RESPONSE: 02* (A006/006)							
17 P-VALUE	45.8	51.1*	41.0*				
17 SE OF P-VALUE	2.0	2.5	2.4				
AD P-VALUE	65.8	67.3	64.4	73.5*	30.4*	66.4	65.4
AD SE OF P-VALUE	1.9	2.6	2.5	1.5	2.1	3.0	2.4
PART G RESPONSE: 02* (A007/007)							
17 P-VALUE	31.6	27.0*	35.9*				
17 SE OF P-VALUE	1.3	1.9	1.8				
AD P-VALUE	44.9	38.7*	50.2*	51.2*	17.7*	45.7	44.3
AD SE OF P-VALUE	2.0	2.4	2.2	2.0	1.9	2.3	2.9

EXERCISE: I-201033-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART H RESPONSE: 02* (A008/008)							
17 P-VALUE	32.8	37.2*	28.7*				
17 SE OF P-VALUE	1.4	2.0	2.2				
AD P-VALUE	32.8	41.6*	25.3*	35.8*	21.2*	30.6	34.2
AD SE OF P-VALUE	1.7	3.1	2.0	1.7	3.3	2.4	2.3
PART I RESPONSE: 02* (A009/009)							
17 P-VALUE	89.8	87.5*	91.9*				
17 SE OF P-VALUE	0.9	1.4	1.1				
AD P-VALUE	91.1	90.4	91.8	93.5*	81.7*	91.4	91.0
AD SE OF P-VALUE	1.3	1.7	1.3	1.0	3.5	1.7	1.7
PART J RESPONSE: 01* (A010/010)							
17 P-VALUE	53.2	52.6	53.7				
17 SE OF P-VALUE	1.7	2.2	2.1				
AD P-VALUE	64.1	67.5*	61.2*	67.0*	51.7*	59.7	66.9
AD SE OF P-VALUE	1.6	1.9	2.3	2.0	3.2	3.3	1.7
PART K RESPONSE: 01* (A011/011)							
17 P-VALUE	78.3	80.3	76.5				
17 SE OF P-VALUE	1.2	1.7	2.0				
AD P-VALUE	82.9	87.6*	78.8*	87.1*	66.8*	84.1	82.2
AD SE OF P-VALUE	1.2	1.4	1.7	1.2	2.2	2.0	1.5
PART L RESPONSE: 02* (A012/012)							
17 P-VALUE	70.1	68.6	71.6				
17 SE OF P-VALUE	1.6	1.7	2.0				
AD P-VALUE	82.7	83.3	82.2	85.3*	72.1*	78.4*	85.4*
AD SE OF P-VALUE	1.3	2.1	1.2	1.3	3.5	2.3	1.5
PART M RESPONSE: 01* (A013/013)							
17 P-VALUE	94.0	93.7	94.3				
17 SE OF P-VALUE	0.7	1.0	0.9				
AD P-VALUE	92.0	93.8	90.5	95.4*	74.5*	92.1	92.0
AD SE OF P-VALUE	1.2	1.5	1.6	0.7	4.3	1.5	1.7

Which of the following statements about accidents and first aid are true and which are false?

	True	False	I don't know.
A. If a person has a foreign object lodged in the throat, it is a good technique to give that person some bread or soft food to help move the object out of the throat.	(1)	●	(3)
B. If you are a good swimmer, it is all right to swim alone.	(1)	●	(3)
C. If a person involved in an automobile accident does not have any open wounds or apparent broken bones, the chances are that the person has not been seriously injured.	(1)	●	(3)
D. It is all right to run a motor vehicle in a closed garage when the cold prevents the person from working on the car outside the garage.	(1)	●	(3)
E. Motor vehicle accidents account for approximately half of all accidental deaths.	●	(2)	(3)
F. Applying cold water directly to a severely burned area is an effective method of treatment.	●	(2)	(3)

1-201036-818-1,4

(Continued)

	True	False	I don't know.
G. It is important to always signal your intentions to turn or stop when riding a bicycle.	●	(2)	(3)
H. It is important to always check to see if an injured person has an emergency medical identification.	●	(2)	(3)
I. A victim of an accident should not be moved unless it is necessary for his or her safety.	●	(2)	(3)
J. Unless there is evidence of a fracture, it is wise to elevate a limb with a severely bleeding wound above the level of the victim's heart.	●	(2)	(3)
K. If a victim of an accident is exposed to cold, it is important to place blankets or additional clothing over and under the person.	●	(2)	(3)
L. The most effective method of artificial respiration that can be administered by the average person is the chest pressure-arm lift technique.	(1)	●	(3)

I 201034-818 3,4

NAEP #: I-201034-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Themes: A. Accident Prevention
D. Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 Adult
Package-Exercise: 17-07 03-37

EXERCISE: I-201034-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	65.6	66.1	65.0				
17 SE OF P-VALUE	1.5	2.2	2.2				
AD P-VALUE	58.2	62.8*	54.1*	63.5*	28.5*	61.9	55.8
AD SE OF P-VALUE	2.0	2.6	2.6	1.8	5.7	2.9	2.9
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	90.9	92.1	89.7				
17 SE OF P-VALUE	1.0	1.2	1.4				
AD P-VALUE	92.5	94.9*	90.5*	93.9*	84.3*	91.3	93.2
AD SE OF P-VALUE	0.8	1.0	1.2	0.9	2.1	1.3	1.1
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	77.5	74.5*	80.4*				
17 SE OF P-VALUE	1.8	2.2	2.1				
AD P-VALUE	88.4	86.1*	90.4*	90.8*	78.8*	87.4	89.0
AD SE OF P-VALUE	1.1	1.5	1.3	1.1	3.7	1.8	1.6
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	94.0	93.2	94.8				
17 SE OF P-VALUE	1.1	2.0	1.0				
AD P-VALUE	96.6	97.2	96.1	98.3*	87.7*	96.6	96.6
AD SE OF P-VALUE	0.6	0.7	0.8	0.4	2.1	1.0	0.9
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	73.6	70.6*	76.6*				
17 SE OF P-VALUE	1.3	1.8	1.8				
AD P-VALUE	70.8	69.4	72.0	71.3	69.6	70.0	71.3
AD SE OF P-VALUE	1.3	2.4	1.7	1.6	3.7	2.0	1.6
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	46.4	44.2	48.6				
17 SE OF P-VALUE	1.6	2.2	2.2				
AD P-VALUE	45.6	39.7*	50.7*	47.8*	34.9*	44.8	46.0
AD SE OF P-VALUE	1.4	1.8	2.0	1.6	3.2	2.5	2.0
PART G RESPONSE: 01* (A007/007)							
17 P-VALUE	96.6	95.1*	98.0*				
17 SE OF P-VALUE	0.5	0.9	0.6				
AD P-VALUE	97.5	97.0	98.0	98.7*	90.5*	97.6	97.5
AD SE OF P-VALUE	0.6	0.7	0.7	0.3	2.5	0.4	0.9

EXERCISE: I-201034-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART H RESPONSE: 01* (A008/008)							
17 P-VALUE	91.1	87.7*	94.6*				
17 SE OF P-VALUE	0.8	1.4	0.8				
AD P-VALUE	96.3	95.9	96.7	97.9*	86.5*	96.8	96.0
AD SE OF P-VALUE	0.9	1.0	1.1	0.7	3.2	1.2	1.2
PART I RESPONSE: 01* (A009/009)							
17 P-VALUE	94.9	93.6	96.3				
17 SE OF P-VALUE	0.9	1.2	1.1				
AD P-VALUE	95.8	95.9	95.7	97.6*	86.4*	95.6	95.8
AD SE OF P-VALUE	0.8	1.0	1.0	0.6	3.6	0.9	1.3
PART J RESPONSE: 01* (A010/010)							
17 P-VALUE	58.7	60.6	56.7				
17 SE OF P-VALUE	1.9	2.8	2.4				
AD P-VALUE	68.9	77.9*	61.0*	73.5*	43.7*	68.5	69.1
AD SE OF P-VALUE	1.3	2.2	1.7	1.3	2.6	1.8	2.0
PART K RESPONSE: 01* (A011/011)							
17 P-VALUE	90.8	89.7	92.0				
17 SE OF P-VALUE	0.8	1.3	1.0				
AD P-VALUE	90.5	92.6*	88.6*	92.1*	82.9*	92.3	89.4
AD SE OF P-VALUE	0.8	1.1	1.1	1.0	3.3	1.3	1.1
PART L RESPONSE: 02* (A012/012)							
17 P-VALUE	64.9	69.6*	60.2*				
17 SE OF P-VALUE	1.6	1.8	2.7				
AD P-VALUE	54.9	63.3*	47.5*	59.1*	34.4*	51.7	56.8
AD SE OF P-VALUE	1.6	2.1	2.1	1.8	3.4	2.7	2.0

Larry, age 15, is 45 pounds overweight. Which of the following statements about Larry are true and which are false? In the answer booklet, fill in one oval for each part.

	True	False	I don't know.
A. He has a greater chance of developing tuberculosis than if he were not overweight.	(1)	●	(3)
B. He has a greater chance of developing high blood pressure than if he were not overweight.	●	(2)	(3)
C. He will probably grow out of his overweight problem by the time he is 21.	(1)	●	(3)
D. His condition may be due to a hormone imbalance and should be checked.	●	(2)	(3)
E. Proper nutrition and increased exercise can help reduce his weight.	●	(2)	(3)

1-201035818-3

NAEP #:	1-201035-818-3
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health
Reporting Theme:	Diseases and Disorders
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 - Group
Age:	17
Package-Exercise:	16-02

```
EXERCISE: I-201035-818-3

                                 |      SEX       |     RACE      |      CCS
                                 |                |               |
                           NATION|  MALE  FEMALE| WHITE   BLACK | BC&UP   MC&SP

PART A  RESPONSE:  02*  (A001/001)

    17 P-VALUE           62.7    61.1   64.1
    17 SE OF P-VALUE      1.5     2.2    2.2

PART B  RESPONSE:  01*  (A002/002)

    17 P-VALUE           88.0    85.9*  89.9
    17 SE OF P-VALUE      1.2     1.7    1.3

PART C  RESPONSE:  02*  (A003/003)

    17 P-VALUE           51.0    50.9   51.1
    17 SE OF P-VALUE      1.8     2.3    2.2

PART D  RESPONSE:  01*  (A004/004)

    17 P-VALUE           73.2    72.5   73.9
    17 SE OF P-VALUE      1.5     1.9    2.3

PART E  RESPONSE:  01*  (A005/005)

    17 P-VALUE           95.2    94.7   95.7
    17 SE OF P-VALUE      0.8     0.9    1.0
```

Charles is a 16-year-old who frequently feels that the world is no good and there is little hope that things will improve. He is very depressed and his friends have not been able to help him feel better. In situations like this, people generally find that some actions are more helpful than others. Is each of the following actions likely to be helpful for someone in this situation?

	Likely to be helpful	Not likely to be helpful	I don't know.
A. Seek help from a physician.	●	(2)	(3)
B. Call a local mental health clinic.	●	(2)	(3)
C. Drop out of school.	(1)	●	(3)
D. Consult a school nurse, counselor, or social worker.	●	(2)	(3)
E. Wait for things to get better.	(1)	●	(3)
F. Talk with parent(s) about feelings.	●	(2)	(3)

I-201037-818-3,4

NAEP #: I-201037-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Health Care Services

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	13-21	03-34

EXERCISE: I-201037-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	NC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	40.9	36.5*	45.3*				
17 SE OF P-VALUE	1.4	2.1	1.7				
AD P-VALUE	76.6	69.0*	83.2*	76.5	79.2	78.0	75.7
AD SE OF P-VALUE	1.6	2.3	1.6	1.9	3.1	2.5	2.0
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	47.7	44.1*	51.2*				
17 SE OF P-VALUE	1.5	2.3	2.1				
AD P-VALUE	86.4	83.1*	89.2*	89.1*	71.5*	85.3	87.0
AD SE OF P-VALUE	1.4	1.9	1.6	1.2	4.2	2.3	2.0
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	93.0	90.8*	95.1*				
17 SE OF P-VALUE	0.9	1.3	1.1				
AD P-VALUE	97.1	96.6	97.5	98.9*	87.6*	98.2	96.4
AD SE OF P-VALUE	0.8	1.0	1.0	0.3	3.8	0.5	1.2
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	79.0	71.4*	86.5*				
17 SE OF P-VALUE	1.3	1.9	1.5				
AD P-VALUE	92.4	89.7*	94.7*	93.3	86.4*	93.6	91.6
AD SE OF P-VALUE	1.1	1.7	1.0	1.1	3.3	1.2	1.7
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	63.3	59.4*	67.1*				
17 SE OF P-VALUE	1.5	2.1	2.2				
AD P-VALUE	83.9	79.1*	88.1*	88.0*	65.6*	82.5	84.8
AD SE OF P-VALUE	1.5	1.8	1.8	1.1	4.1	2.1	1.9
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	88.2	85.7*	90.6*				
17 SE OF P-VALUE	1.1	1.5	1.4				
AD P-VALUE	94.3	93.3	95.2	95.2	90.0	94.6	94.1
AD SE OF P-VALUE	1.0	1.4	0.9	0.9	3.2	1.3	1.4

Below are statements that some people have made about cigarette smoking and cigarette smokers. How do you feel about each statement? The answer choices are "Strongly agree," "Agree," "Neither agree nor disagree," "Disagree," or "Strongly disagree."

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
A. People who smoke risk getting serious lung or heart disease.	●	●	(3)	(4)	(5)
B. People can become addicted to cigarettes just as they can to alcohol or drugs.	●	●	(3)	(4)	(5)
C. Cigarette smoking is harmful only if a person inhales.	(1)	(2)	(3)	●	●
D. Cigarettes low in tar and nicotine can't harm your health.	(1)	(2)	(3)	●	●
E. Cigarette smoking can harm you even after smoking for only a year.	●	●	(3)	(4)	(5)
F. Cigarette smoking is only a minor health problem.	(1)	(2)	(3)	●	●

1-201039 818 3,4

NAEP #: 1-201039-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Cigarettes, Alcohol and Drugs

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 --- Adult
Package-Exercise: 12-16 03-17

NOTE: For each part of this exercise, the two percentages representing the acceptable response categories have been combined.

EXERCISE: I-201039-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 02* (B001/001)							
17 P-VALUE	88.6	86.8*	90.4*				
17 SE OF P-VALUE	0.9	1.3	1.2				
AD P-VALUE	92.9	91.9	93.7	94.5*	87.4*	94.7	91.7
AD SE OF P-VALUE	0.8	1.2	0.8	0.8	1.2	1.0	1.1
RESPONSE: 02* (B002/002)							
17 P-VALUE	87.4	84.1*	90.6*				
17 SE OF P-VALUE	1.0	1.6	0.9				
AD P-VALUE	92.6	89.9*	95.0*	93.2	90.8	91.8	93.1
AD SE OF P-VALUE	0.8	1.2	0.8	1.0	1.0	1.3	0.9
RESPONSE: 04* (B003/003)							
17 P-VALUE	64.2	61.9	66.3				
17 SE OF P-VALUE	1.5	2.0	1.8				
AD P-VALUE	69.2	68.0	70.3	73.5*	49.5*	69.7	68.9
AD SE OF P-VALUE	1.5	2.6	2.1	1.5	2.7	2.0	2.4
RESPONSE: 04* (B004/004)							
17 P-VALUE	79.4	76.6*	82.0*				
17 SE OF P-VALUE	1.2	1.8	1.6				
AD P-VALUE	81.5	80.7	82.2	86.5*	57.0*	82.8	80.7
AD SE OF P-VALUE	1.7	2.4	2.1	1.2	4.2	1.8	2.4
RESPONSE: 02* (B005/005)							
17 P-VALUE	74.7	71.1*	78.2*				
17 SE OF P-VALUE	1.0	1.6	1.4				
AD P-VALUE	75.8	72.4*	78.8*	78.6*	65.4*	74.9	76.4
AD SE OF P-VALUE	2.0	2.2	2.3	2.4	3.1	2.0	3.0
RESPONSE: 04* (B006/006)							
17 P-VALUE	79.2	75.2*	83.0*				
17 SE OF P-VALUE	1.2	1.8	1.3				
AD P-VALUE	84.0	85.0	83.0	87.7*	69.8*	86.7	82.2
AD SE OF P-VALUE	1.5	1.7	2.0	1.2	3.7	1.9	1.8

Which of the following statements about pubic lice (crabs) are true and which are false?

	True	False	I don't know.
A. Pubic lice infect only women.	○	●	○
B. Pubic lice cause itching in the pubic area of the body.	●	○	○
C. Pubic lice are contracted only through sexual intercourse with someone who has them.	○	●	○
D. Pubic lice can be treated with a prescription shampoo.	●	○	○
E. Pubic lice thrive in the hair on a person's head.	○	●	○

I-201041-818-4

NAEP #: I-201041-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

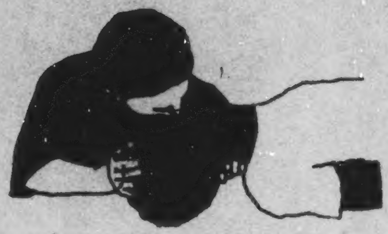
Reporting Theme: Human Sexuality

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-43

EXERCISE: I-201041-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	90.6	93.2*	88.3*	92.7*	81.6*	92.2	89.5
AD SE OF P-VALUE	1.0	1.2	1.4	0.9	3.1	1.4	1.5
PART B RESPONSE: 01* (A002/002)							
AD P-VALUE	88.2	91.1*	85.8*	90.5*	77.2*	88.7	88.0
AD SE OF P-VALUE	1.2	1.2	1.9	1.4	3.4	1.4	1.7
PART C RESPONSE: 02* (A003/003)							
AD P-VALUE	69.4	74.2*	65.2*	72.8*	55.6*	65.1*	72.0*
AD SE OF P-VALUE	1.4	1.8	1.9	1.5	2.4	1.7	2.2
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	65.8	70.9*	61.3*	67.2*	59.4*	65.4	66.0
AD SE OF P-VALUE	0.9	1.6	2.0	1.2	2.8	1.7	1.5
PART E RESPONSE: 02* (A005/005)							
AD P-VALUE	52.7	53.2	52.3	55.8*	37.2*	52.8	52.7
AD SE OF P-VALUE	1.7	2.5	2.8	1.9	3.9	2.5	2.3



A. The person in the picture above is using an incorrect technique in applying artificial respiration. Which one of the following describes the incorrect technique?

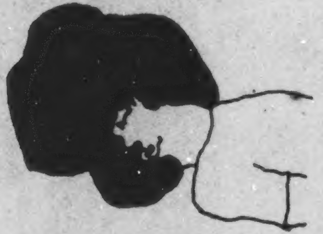
(1) Tilting the victim's head backward

(2) Blowing air into the victim's mouth

● Not pinching closed the victim's nostrils

(4) Placing the victim on his back during respiration

(5) I don't know.



B. Which one of the following statements is correct about the mouth-to-nose technique of artificial respiration shown in the picture above?

(1) The mouth-to-nose technique of respiration should only be used in cases of heart failure.

(2) The mouth-to-nose technique is not a very effective method of artificial respiration.

(3) The mouth-to-nose technique is an effective method of respiration; however, the man in the picture is not using the correct technique.

● The mouth-to-nose technique is an effective method of respiration, and the man in the picture is using the correct technique.

(5) I don't know.

[illegible]

NAEP #: I-201043-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	13-15	03-19

EXERCISE: I-201043-818-34

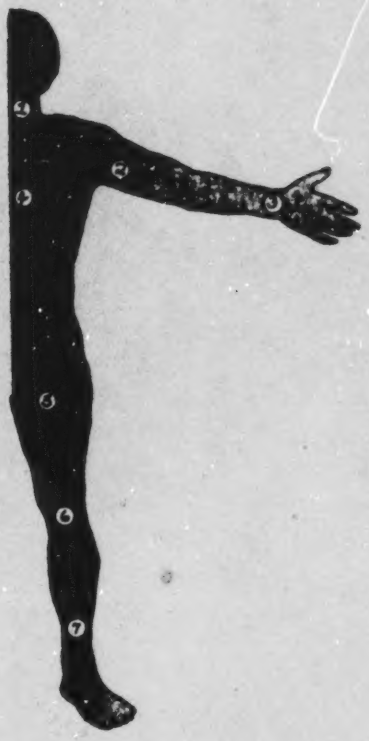
PART A RESPONSE: 03* (A001/001)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
17 P-VALUE	87.4	85.6*	89.2				
17 SE OF P-VALUE	1.1	1.6	1.1				
AD P-VALUE	77.4	81.5*	73.8*	84.2*	43.8*	75.4	78.6
AD SE OF P-VALUE	1.8	2.0	2.4	1.6	3.0	1.8	2.8

PART B RESPONSE: 04* (A002/002)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
17 P-VALUE	38.3	41.0	35.7				
17 SE OF P-VALUE	1.7	2.6	2.4				
AD P-VALUE	28.5	29.6	27.5	27.9	24.7	27.7	28.9
AD SE OF P-VALUE	1.5	2.3	1.7	1.8	3.9	2.5	2.0

The diagram below shows the left side of a person's body. Study the diagram, then respond to the statements on the next page.



[illegible]

(Continued)

For each of the conditions below, indicate the position on the diagram at which you should apply hand pressure to control severe arterial bleeding.

A. Severe bleeding from a wound on the lower part of the arm

(1) Position 1 on the diagram
● Position 2 on the diagram
(3) Position 3 on the diagram
(4) Position 4 on the diagram

(5) I don't know.

B. Severe bleeding from a wound on the lower part of the leg

(1) Position 4 on the diagram
● Position 5 on the diagram
● Position 6 on the diagram
(4) Position 7 on the diagram

(5) I don't know.

I 201044 818-3,4

NAEP #: I-201044-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Emergency Care Skills

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	15-08	03-24

EXERCISE: I-201044-818-34

	NATION	SEX MALE	SEX FEMALE	RACE WHITE	RACE BLACK	CCS BC&UP	CCS MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	69.2	73.0*	65.5*				
17 SE OF P-VALUE	1.5	2.3	2.2				
AD P-VALUE	74.5	80.8*	69.0*	80.3*	41.8*	73.3	75.2
AD SE OF P-VALUE	1.9	2.3	2.4	1.5	3.8	2.8	2.8
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	32.1	33.9	30.4				
17 SE OF P-VALUE	1.6	2.5	2.1				
AD P-VALUE	33.5	37.9*	29.6*	35.6*	15.3*	32.0	34.5
AD SE OF P-VALUE	1.8	2.8	1.9	1.8	2.1	2.1	2.6
PART B RESPONSE: 03* (A002/002)							
17 P-VALUE	36.2	35.7	36.6				
17 SE OF P-VALUE	1.6	2.6	2.1				
AD P-VALUE	43.5	44.7	42.5	45.5*	36.9	43.9	43.3
AD SE OF P-VALUE	1.8	3.0	2.0	2.1	3.4	2.1	2.6

If hot oil or grease caught fire in a pan on your stove, which one of the following should you use to put out the fire?

● Table salt
(2) Flour
(3) Water
(4) Granulated sugar

(5) I don't know.

I 201045 818 3,4

NAEP #: I-201045-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Accident Prevention

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17___ Adult
Package-Exercise: 12-03 03-03

EXERCISE: I-201045-818-34

RESPONSE: 01* (A001/001)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	HC&SP
17 P-VALUE	32.4	28.3*	36.2*				
17 SE OF P-VALUE	1.7	2.4	1.8				
AD P-VALUE	51.0	44.4*	56.8*	52.3*	50.7	49.6	51.9
AD SE OF P-VALUE	1.8	2.2	2.6	2.1	3.9	2.8	2.4

Which one of the following is most critical for a person's survival?

(1) Carbohydrates

(2) Protein

(3) Fat

● Water

(5) I don't know.

I 201047-818-3,4

NAEP #:	I-201047-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Health Maintenance Skills	
MAJOR OBJECTIVE:	Recognizes conditions and practices conducive to good health	
Reporting Theme:	Nutrition	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	13-23	03-01

EXERCISE: I-201047-818-34

RESPONSE: 04* (A001/001)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
17 P-VALUE	64.0	63.9	64.0				
17 SE OF P-VALUE	1.9	2.3	2.5				
AD P-VALUE	81.3	83.0	79.7	84.8*	65.9*	82.9	80.2
AD SE OF P-VALUE	1.2	1.5	2.1	1.2	4.4	1.5	1.7

Larry is 45 pounds overweight. Which of the following statements about Larry are true and which are false?

	True	False	I don't know.
A. He has a greater chance of developing tuberculosis than if he were not overweight.	○	●	○
B. He has a greater chance of developing high blood pressure than if he were not overweight.	●	○	○
C. His condition may be due to a hormone imbalance and should be checked.	●	○	○
D. Proper nutrition and increased exercise would help reduce his weight.	●	○	○

I-201048-818-4

NAEP #:	I-201048-818-4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Recognizes conditions and practices condecive to good health
Reporting Themes:	A. Nutrition B. Diseases and Disorders
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Adult - Individual
Age:	Adult
Package-Exercise:	03-12

EXERCISE: I-201048-818-4

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	67.2	65.9	68.3	69.3*	53.6*	67.8	66.8
AD SE OF P-VALUE	1.6	2.5	2.0	1.5	3.9	1.8	2.3
PART B RESPONSE: 01* (A002/002)							
AD P-VALUE	95.7	96.6	94.9	97.6*	83.8*	96.1	95.4
AD SE OF P-VALUE	0.7	0.7	0.9	0.5	2.1	0.9	1.0
PART C RESPONSE: 01* (A003/003)							
AD P-VALUE	82.5	81.1	83.7	84.9*	74.8*	78.9	84.8
AD SE OF P-VALUE	1.3	2.0	1.5	1.4	2.7	2.7	1.4
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	92.1	91.0	92.9	93.7*	82.0*	92.4	91.8
AD SE OF P-VALUE	1.0	1.4	1.4	1.0	2.6	1.5	1.3

Meg is overweight and wants to lose approximately twenty-five pounds.

Should Meg take each of the following actions in order to safely lose weight?

	Yes	No	I don't know.
A. Buy an exercise machine that she has seen demonstrated on TV.	○	●	○
B. Follow a diet that is highly advertised in a magazine.	○	●	○
C. Join Weight Watchers and attend their meetings.	●	○	○
D. Borrow some reducing pills from a friend.	○	●	○

F. Eat diet wafers and diet candy to dull her appetite.	○	●	○
G. Get help from qualified health personnel.	●	○	○

I-201049-818-4

NAEP #: I-201049-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-27

EXERCISE: I-201049-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	79.5	76.8*	81.8*	83.4*	58.5*	79.1	79.8
AD SE OF P-VALUE	1.4	1.7	1.9	1.5	2.7	2.5	1.8
PART B RESPONSE: 02* (A002/002)							
AD P-VALUE	86.4	83.1*	89.2*	89.4*	71.5*	85.8	86.7
AD SE OF P-VALUE	1.3	2.3	1.4	1.2	2.4	2.3	1.7
PART C RESPONSE: 01* (A003/003)							
AD P-VALUE	84.9	81.7*	87.6*	86.2	76.8*	85.8	84.3
AD SE OF P-VALUE	1.2	1.9	1.6	1.5	3.3	1.0	1.8
PART D RESPONSE: 02* (A004/004)							
AD P-VALUE	98.0	97.4	98.6	98.9*	93.6*	97.9	98.2
AD SE OF P-VALUE	0.6	0.9	0.5	0.4	1.8	0.6	0.8
PART F RESPONSE: 02* (A006/006)							
AD P-VALUE	72.7	65.2*	79.2*	75.2*	57.1*	73.9	72.0
AD SE OF P-VALUE	1.6	2.7	1.8	1.9	2.7	2.1	2.2
PART G RESPONSE: 01* (A007/007)							
AD P-VALUE	97.6	97.5	97.6	98.8*	90.9*	97.6	97.5
AD SE OF P-VALUE	0.5	0.8	0.5	0.4	1.8	0.7	0.6

Which of the following statements about examining for breast cancer are true and which are false?

	True	False	I don't know.
A. A woman should examine her breasts monthly, after her menstrual period.	●	○	○
B. A woman should not examine her own breasts.	○	●	○
C. There is no need to check for breast cancer until a woman is 40 years old.	○	●	○
D. It is normal for a woman to have lumps in her breasts just prior to menstruation.	●	○	○

I-201050-818-4

NAEP #: I-201050-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Diseases and Disorder

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-08

EXERCISE: I-201050-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
AD P-VALUE	75.7	64.1*	85.8*	78.1*	70.9	75.6	75.8
AD SE OF P-VALUE	1.5	2.4	1.4	1.6	4.8	2.6	2.1
PART B RESPONSE: 02* (A002/002)							
AD P-VALUE	94.1	91.1*	96.7*	95.5*	86.9*	94.2	94.[illegible]
AD SE OF P-VALUE	1.0	1.5	1.2	0.9	2.8	1.4	1.2
PART C RESPONSE: 02* (A003/003)							
AD P-VALUE	97.4	96.8	98.0	98.1*	93.9*	97.3	97.5
AD SE OF P-VALUE	0.4	0.7	0.6	0.5	1.6	0.7	0.6
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	27.4	15.3*	37.9*	27.6	27.2	25.0	28.9
AD SE OF P-VALUE	1.6	1.8	2.1	1.9	1.6	2.2	2.1

On this and the next page is a list of health conditions. For which conditions should you seek medical help? Which conditions could you safely take care of yourself? Assume that money is no problem.

	Seek medical help	Take care of yourself	I don't know.
A. A sore that does not heal	●	(2)	(3)
B. A constant dry, hacking cough	●	(2)	(3)
C. A "nose cold" without fever	(1)	●	(3)
D. A cut that becomes red, tender, or swollen	●	(2)	(3)
E. Blood in the urine	●	(2)	(3)
F. A persistent fever over 101 degrees	●	(2)	(3)
G. Sick to the stomach, without fever, for one day	(1)	●	(3)
H. Blurring of vision	●	(2)	(3)

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(Continued)

	Seek medical help	Take care of yourself	I don't know.
I. A lump in the breast	●	(2)	(3)
J. Occasional loose bowel movements	(1)	●	(3)
K. A headache after reading for several hours	(1)	●	(3)
L. A "cold sore" on the lips	(1)	●	(3)
M. An earache for several days	●	(2)	(3)
N. Blood in bowel movements	●	(2)	(3)
O. A puncture wound from a nail	●	(2)	(3)
P. Occasionally feeling tired during the middle of the day	(1)	●	(3)

I 202001 818 3,4

NAEP #: I-202001-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Knows how, when and where to obtain medical services

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 Adult
Package-Exercise: 14-13 03-09

EXERCISE: I-202001-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	89.5	86.7*	92.1*				
17 SE OF P-VALUE	1.1	1.7	1.4				
AD P-VALUE	97.1	96.4	97.7	98.2*	94.1	96.0	97.8
AD SE OF P-VALUE	0.6	1.0	0.7	0.6	1.9	1.3	0.7
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	65.3	59.8*	70.3*				
17 SE OF P-VALUE	1.3	2.0	2.4				
AD P-VALUE	94.2	93.0	95.2	95.5*	90.6*	93.0	94.9
AD SE OF P-VALUE	0.9	1.4	0.9	0.7	1.5	1.8	0.9
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	90.9	88.3*	93.4*				
17 SE OF P-VALUE	1.1	1.7	1.5				
AD P-VALUE	88.1	88.3	88.0	91.0*	73.6*	87.8	88.3
AD SE OF P-VALUE	1.1	1.5	1.5	1.2	3.3	1.7	1.9
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	58.9	54.1*	63.3*				
17 SE OF P-VALUE	1.7	2.2	2.1				
AD P-VALUE	77.0	70.7*	82.6*	76.2	83.8*	72.3*	80.0*
AD SE OF P-VALUE	1.3	2.2	1.8	1.6	1.7	2.3	1.6
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	92.5	90.8*	94.0*				
17 SE OF P-VALUE	0.9	1.3	1.1				
AD P-VALUE	98.2	97.8	98.5	99.2*	94.0*	98.4	98.1
AD SE OF P-VALUE	0.5	0.8	0.6	0.3	1.8	0.7	0.6
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	86.1	81.4*	90.3*				
17 SE OF P-VALUE	1.1	1.6	1.4				
AD P-VALUE	96.3	95.4	97.1	97.2	91.3	95.8	96.6
AD SE OF P-VALUE	0.6	0.9	0.8	0.5	2.9	1.0	0.9
PART G RESPONSE: 02* (A007/007)							
17 P-VALUE	91.6	89.6	93.4				
17 SE OF P-VALUE	1.0	1.6	1.3				
AD P-VALUE	94.5	94.4	94.6	97.2*	83.3*	93.5	95.1
AD SE OF P-VALUE	0.8	1.0	1.1	0.6	2.1	1.4	1.1

EXERCISE: I-202001-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART H RESPONSE: 01* (A008/008)							
17 P-VALUE	90.0	87.5*	92.3*				
17 SE OF P-VALUE	1.1	1.7	1.3				
AD P-VALUE	96.6	95.5	97.5	97.5	92.7	96.0	96.9
AD SE OF P-VALUE	0.7	1.4	0.7	0.8	2.4	1.6	0.8
PART I RESPONSE: 01* (A009/009)							
17 P-VALUE	93.4	91.0*	95.6*				
17 SE OF P-VALUE	0.9	1.3	1.2				
AD P-VALUE	98.9	98.4	99.3	99.7*	96.9	98.5	99.1
AD SE OF P-VALUE	0.4	0.6	0.4	0.2	1.7	0.9	0.4
PART J RESPONSE: 02* (A010/010)							
17 P-VALUE	65.9	61.1*	70.2*				
17 SE OF P-VALUE	1.6	1.9	2.3				
AD P-VALUE	88.8	88.8	88.7	94.1*	69.0*	89.9	88.1
AD SE OF P-VALUE	1.2	1.5	1.5	1.0	2.4	1.4	1.8
PART K RESPONSE: 02* (A011/011)							
17 P-VALUE	82.9	81.5	84.2				
17 SE OF P-VALUE	1.3	1.9	1.9				
AD P-VALUE	75.8	75.8	75.8	77.0	71.7	74.9	76.3
AD SE OF P-VALUE	1.6	2.4	2.0	1.6	3.2	1.4	2.4
PART L RESPONSE: 02* (A012/012)							
17 P-VALUE	89.1	85.7*	92.2*				
17 SE OF P-VALUE	1.0	1.5	1.2				
AD P-VALUE	94.2	94.8	93.7	96.7*	83.1*	95.1	93.6
AD SE OF P-VALUE	0.9	1.0	1.0	0.8	2.6	0.9	1.3
PART M RESPONSE: 01* (A013/013)							
17 P-VALUE	83.5	77.7*	88.8*				
17 SE OF P-VALUE	1.1	1.6	1.6				
AD P-VALUE	93.3	90.7*	95.6*	93.7	93.5	91.1	94.7
AD SE OF P-VALUE	1.0	1.5	0.9	0.9	2.4	1.6	1.3
PART N RESPONSE: 01* (A014/014)							
17 P-VALUE	87.7	84.0*	91.0*				
17 SE OF P-VALUE	1.0	1.5	1.2				
AD P-VALUE	97.3	96.7	97.8	98.6*	90.9*	98.0	96.9
AD SE OF P-VALUE	0.7	0.9	0.6	0.3	2.8	0.5	1.0

EXERCISE: I-202001-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART O RESPONSE: 01* (A015/015)							
17 P-VALUE	74.1	67.6*	80.0*				
17 SE OF P-VALUE	1.4	1.8	1.8				
AD P-VALUE	83.8	79.4*	87.5*	85.9*	76.0	83.0	84.3
AD SE OF P-VALUE	2.0	2.8	1.7	1.7	5.4	3.7	2.2
PART P RESPONSE: 02* (A016/016)							
17 P-VALUE	83.8	82.2	85.2				
17 SE OF P-VALUE	1.2	1.8	1.7				
AD P-VALUE	83.3	81.1*	85.2*	87.6*	63.5*	82.4	83.8
AD SE OF P-VALUE	1.7	2.1	1.9	1.7	3.0	1.9	2.8

John is 20 years old, single, and has no health insurance. He has just been hired by a company and has the chance to get group health insurance. Which of the following statements are true and which are false?

	True	False	I don't know.
A. He should save his money and sign up when he is older.	(1)	●	(3)
B. He should know exactly what the insurance policy covers.	●	(2)	(3)
C. He should wait until the company gets a cheaper plan that wouldn't cost him so much money.	(1)	●	(3)
D. He should check to see if dental and eye care are included on policy benefits.	●	(2)	(3)
E. He should not bother with health insurance because he is single.	(1)	●	(3)
F. He should compare the insurance plan offered by his employer with other insurance plans.	●	(2)	(3)

I-202002-818-3,4

NAEP #:	I-202002-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Health Maintenance Skills	
MAJOR OBJECTIVE:	Knows how, when and where to obtain medical services	
Reporting Theme:	Health Care Services	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	16-18	03-10

EXERCISE: I-202002-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	80.0	75.8*	84.0*				
17 SE OF P-VALUE	1.4	2.1	1.6				
AD P-VALUE	95.3	96.5	94.4	98.0*	83.7*	96.4	94.7
AD SE OF P-VALUE	0.8	1.0	1.0	0.5	2.4	0.8	1.2
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	91.6	87.8*	95.1*				
17 SE OF P-VALUE	1.1	1.7	0.9				
AD P-VALUE	98.1	97.6	98.6	99.0	94.5	98.3	98.0
AD SE OF P-VALUE	0.5	0.6	0.6	0.3	2.6	0.7	0.7
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	74.1	68.7*	79.1*				
17 SE OF P-VALUE	1.4	1.9	1.6				
AD P-VALUE	94.8	94.5	95.0	96.2*	86.4*	92.5*	96.2*
AD SE OF P-VALUE	0.7	1.1	0.7	0.7	2.8	1.1	0.9
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	85.1	79.9*	89.9*				
17 SE OF P-VALUE	1.3	2.2	1.3				
AD P-VALUE	93.2	92.3	94.0	94.2*	88.4*	95.1	91.9
AD SE OF P-VALUE	0.9	1.2	0.9	1.0	2.0	1.1	1.3
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	87.2	82.3*	91.7*				
17 SE OF P-VALUE	1.3	1.9	1.4				
AD P-VALUE	97.5	97.2	97.7	98.5*	90.6*	98.3	97.0
AD SE OF P-VALUE	0.6	0.8	0.6	0.4	2.6	0.6	0.9
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	85.1	81.5*	88.4*				
17 SE OF P-VALUE	1.7	2.2	1.6				
AD P-VALUE	90.1	90.7	89.6	92.5*	79.3*	90.3	89.9
AD SE OF P-VALUE	0.9	1.4	1.3	0.9	2.9	1.4	1.2

Which of the following statements about gonorrhea are true and which are false?

	True	False	I don't know.
A. Once a person has been treated for gonorrhea he or she is immune (unable to get it again).	○	●	○
B. Gonorrhea does no physical harm.	○	●	○
C. A person always knows if he or she has gonorrhea.	○	●	○
D. A person should try a home remedy for gonorrhea before going to a clinic or doctor for treatment.	○	●	○
E. The sexual partner of a person with gonorrhea should seek medical diagnosis.	●	○	○

I-232004-818-4

NAEP #:	I-232004-818-4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Health Maintenance Skills
MAJOR OBJECTIVE:	Knows how, when and where to obtain medical services
Reporting Themes:	A. Diseases and Disorders B. Human Sexuality
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Adult - Individual
Age:	Adult
Package-Exercise:	03-36

EXERCISE: I-202004-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 02* (A001/001)							
AD P-VALUE	89.7	90.0	89.5	91.5*	81.4*	91.7	88.5
AD SE OF P-VALUE	1.1	1.4	1.6	1.1	3.8	1.4	1.6
PART B RESPONSE: 02* (A002/002)							
AD P-VALUE	89.9	90.0	89.8	92.1*	79.4*	92.0	88.6
AD SE OF P-VALUE	1.3	1.5	1.7	1.1	5.4	1.0	2.0
PART C RESPONSE: 02* (A003/003)							
AD P-VALUE	81.8	82.8	80.9	85.4*	63.9*	84.4	80.1
AD SE OF P-VALUE	1.5	1.7	2.5	1.6	5.3	2.3	2.1
PART D RESPONSE: 02* (A004/004)							
AD P-VALUE	94.0	93.8	94.2	95.6*	88.0*	95.2	93.3
AD SE OF P-VALUE	0.8	1.0	1.1	0.7	2.1	1.2	0.9
PART E RESPONSE: 01* (A005/005)							
AD P-VALUE	92.4	92.0	92.8	93.1	87.5	93.2	91.9
AD SE OF P-VALUE	1.4	1.8	1.6	1.4	5.1	1.7	1.9

On this and the next page are certain kinds of information that can influence your choice of a doctor. Which of these should strongly affect your choice of a doctor?

	Should strongly affect	Should not strongly affect	I don't know.
A. Going to the doctor your family has always seen for all your health concerns	●	(2)	(3)
B. The doctor's professional reputation	●	(2)	(3)
C. The style of clothing that the doctor wears	(1)	●	(3)
D. The way the doctor's office is decorated	(1)	●	(3)
E. Whether the doctor allows clients to ask questions	●	(2)	(3)
F. The doctor's access to adequate medical equipment	●	(2)	(3)
G. If you have a specific health problem, the knowledge and experience of the doctor in that area	●	(2)	(3)

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(Continued)

		Should strongly affect	Should not strongly affect	I don't know.
H.	Finding the least expensive doctor without considering his qualifications	(1)	●	(3)
I.	Whether the doctor and his or her staff help you feel comfortable	●	(2)	(3)
J.	Your friend's advice about choice of doctor	(1)	●	(3)
K.	The reputation of the hospital where the doctor treats his or her patients	●	(2)	(3)
L.	How well the doctor communicates with you	●	(2)	(3)

I-202005-818-3,4

NAEP #: I-202005-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Knows how, when and where to obtain medical services

Reporting Theme: Health Care Services

Exercise/Scoring Type: Multiple Choice/Machine
Adminstration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 Adult
Package-Exercise: 17-16 03-05

EXERCISE: I-202005-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	71.0	75.3*	66.7*				
17 SE OF P-VALUE	1.5	1.8	2.1				
AD P-VALUE	52.5	51.0	53.7	51.5	55.2	49.4	54.4
AD SE OF P-VALUE	1.8	2.3	2.2	2.1	4.9	3.7	1.8
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	87.5	85.7	89.3				
17 SE OF P-VALUE	1.5	1.9	1.7				
AD P-VALUE	92.9	93.1	92.7	95.6*	81.4*	94.7	91.8
AD SE OF P-VALUE	0.9	1.1	1.4	0.8	2.6	1.0	1.3
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	90.3	86.9*	93.8*				
17 SE OF P-VALUE	1.4	2.3	1.2				
AD P-VALUE	93.9	93.2	94.4	96.8*	81.2*	94.4	93.5
AD SE OF P-VALUE	0.7	1.2	0.8	0.6	2.5	1.2	0.9
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	88.8	85.9*	91.7*				
17 SE OF P-VALUE	1.2	1.7	1.3				
AD P-VALUE	93.5	93.5	93.5	96.9*	79.6*	94.9	92.7
AD SE OF P-VALUE	0.8	1.0	1.0	0.7	3.1	0.9	1.1
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	81.3	76.8*	85.8*				
17 SE OF P-VALUE	1.2	2.2	1.3				
AD P-VALUE	91.9	90.3	93.2	93.9*	81.5*	92.0	91.8
AD SE OF P-VALUE	1.0	1.4	1.3	0.9	2.7	1.3	1.5
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	87.0	84.0	90.0*				
17 SE OF P-VALUE	1.5	2.5	1.7				
AD P-VALUE	92.3	92.9	91.8	94.6*	82.5*	94.2	91.1
AD SE OF P-VALUE	1.2	1.6	1.2	1.0	3.5	1.2	1.6
PART G RESPONSE: 01* (A007/007)							
17 P-VALUE	89.0	84.9*	93.2*				
17 SE OF P-VALUE	1.6	2.4	1.4				
AD P-VALUE	95.6	95.1	96.0	97.5*	87.7*	96.6	95.0
AD SE OF P-VALUE	0.8	1.1	1.0	0.6	2.5	0.9	1.2

EXERCISE: I-202005-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART H RESPONSE: 02* (A008/008)							
17 P-VALUE	72.7	69.2*	76.2*				
17 SE OF P-VALUE	1.7	2.3	2.5				
AD P-VALUE	80.8	83.0	78.9	86.6*	54.1*	81.4	80.4
AD SE OF P-VALUE	1.7	1.9	2.2	1.5	3.0	1.9	2.6
PART I RESPONSE: 01* (A009/009)							
17 P-VALUE	77.5	69.4*	85.6*				
17 SE OF P-VALUE	1.6	2.5	1.5				
AD P-VALUE	86.3	82.9*	89.2*	87.5	78.2*	85.4	86.8
AD SE OF P-VALUE	1.2	2.1	1.2	1.3	3.4	1.4	1.8
PART J RESPONSE: 02* (A010/010)							
17 P-VALUE	69.3	63.4*	75.2*				
17 SE OF P-VALUE	1.6	2.4	1.8				
AD P-VALUE	70.2	68.6	71.6	72.4*	59.9*	66.1	72.8
AD SE OF P-VALUE	1.8	2.4	2.2	1.9	5.1	2.9	2.3
PART K RESPONSE: 01* (A011/011)							
17 P-VALUE	71.3	68.4	74.2				
17 SE OF P-VALUE	1.9	2.8	2.1				
AD P-VALUE	83.5	84.1	83.0	86.6*	73.3*	86.7*	81.5*
AD SE OF P-VALUE	1.3	1.6	1.5	1.3	2.3	1.4	1.8
PART L RESPONSE: 01* (A012/012)							
17 P-VALUE	85.0	80.8*	89.2*				
17 SE OF P-VALUE	1.4	2.4	1.3				
AD P-VALUE	94.5	95.0	94.0	96.5*	85.4*	95.0	94.1
AD SE OF P-VALUE	0.9	1.1	1.1	0.6	3.3	0.9	1.3

The common cold is a frequent infectious disease. Which of the following statements about the common cold are true and which are false?

	True	False	I don't know.
A. A fever associated with the common cold usually does not last for more than three or four days.	●	(2)	(3)
B. A cough associated with the common cold may last 2-3 weeks.	●	(2)	(3)
C. An antibiotic such as penicillin will cure the common cold in 2-3 days.	(1)	●	(3)
D. An earache associated with the common cold indicates that a physician's examination is desirable.	●	(2)	(3)
E. A persistent sore throat associated with the common cold may represent a more serious infection.	●	(2)	(3)

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NAEP #: I-202006-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Knows how, when and where to obtain medical services

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	12-23	03-07

EXERCISE: I-202006-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	HC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	56.3	51.8*	60.5*				
17 SE OF P-VALUE	1.8	2.8	1.9				
AD P-VALUE	83.8	83.1	84.3	85.9*	72.2*	84.4	83.3
AD SE OF P-VALUE	1.4	2.0	1.7	1.4	3.0	2.1	1.9
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	45.3	39.4*	50.8*				
17 SE OF P-VALUE	1.8	2.4	2.4				
AD P-VALUE	54.9	51.9	57.5	56.1	52.9	56.5	53.9
AD SE OF P-VALUE	1.6	2.5	2.3	1.8	4.0	2.8	2.1
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	37.7	37.6	37.8				
17 SE OF P-VALUE	1.7	2.4	2.4				
AD P-VALUE	63.6	61.3	65.6	69.5*	35.3*	67.2	61.4
AD SE OF P-VALUE	1.9	2.7	2.0	1.7	5.0	1.8	3.0
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	61.1	53.0*	68.5*				
17 SE OF P-VALUE	1.3	1.9	1.6				
AD P-VALUE	86.0	82.3*	89.1*	88.2*	75.4*	86.3	85.7
AD SE OF P-VALUE	1.4	2.0	2.2	1.4	2.6	1.9	1.8
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	68.7	61.6*	75.3*				
17 SE OF P-VALUE	1.6	2.6	1.4				
AD P-VALUE	93.3	90.9*	95.3*	94.5	86.3*	93.9	92.9
AD SE OF P-VALUE	1.2	1.5	1.4	1.2	3.7	1.5	1.6

Listed below are statements about a person with a streptococci infection ("strep throat"). Which statements are true and which are false?

	True	False	I don't know.
A. A person with a severe sore throat should obtain a "strep throat" culture.	●	(2)	(3)
B. A "strep throat" infection usually requires hospitalization.	(1)	●	(3)
C. A "strep throat" infection can be cured by taking nonprescription cold remedies.	(1)	●	(3)
D. A "strep throat" infection requires some type of medical attention.	●	(2)	(3)
E. A "strep throat" infection can be passed on to other individuals.	●	(2)	(3)
F. Rheumatic fever frequently results from untreated "strep throat" infection.	●	(2)	(3)
G. "Strep throat" infection can occur without symptoms.	●	(2)	(3)

I-202007-818-3,4

NAEP #: I-202007-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Knows how, when and where to obtain medical services

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	14-04	03-21

EXERCISE: I-202007-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BCSUF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	62.8	55.9*	69.1*				
17 SE OF P-VALUE	1.5	2.3	1.8				
AD P-VALUE	83.9	77.8*	89.2*	86.8*	73.0*	81.5	85.4
AD SE OF P-VALUE	1.6	2.4	1.7	1.8	4.6	2.2	2.5
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	76.0	72.1*	79.5*				
17 SE OF P-VALUE	1.7	2.3	1.8				
AD P-VALUE	86.1	83.3*	88.5*	90.4*	65.8*	87.4	85.2
AD SE OF P-VALUE	1.3	2.0	1.5	1.1	5.3	1.3	2.3
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	76.7	70.9*	81.9*				
17 SE OF P-VALUE	1.6	1.6	2.2				
AD P-VALUE	84.6	77.6*	90.7*	88.2*	66.5*	83.0	85.6
AD SE OF P-VALUE	1.4	2.7	1.1	1.4	4.0	2.0	2.2
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	93.3	90.7*	95.7*				
17 SE OF P-VALUE	0.8	1.3	1.1				
AD P-VALUE	95.2	94.1	96.2	96.2	89.0*	94.5	95.7
AD SE OF P-VALUE	0.9	1.5	0.8	0.9	3.6	1.2	1.3
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	71.7	67.9*	75.1*				
17 SE OF P-VALUE	1.7	2.2	2.2				
AD P-VALUE	84.5	82.1*	86.6*	87.5*	75.9*	83.8	84.9
AD SE OF P-VALUE	1.1	1.6	1.5	1.5	2.9	1.8	1.7
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	27.9	26.4	29.2				
17 SE OF P-VALUE	1.5	1.8	2.1				
AD P-VALUE	46.1	35.6*	55.2*	48.8*	33.6*	40.8	49.4*
AD SE OF P-VALUE	2.1	2.5	2.8	2.1	3.2	3.0	2.5
PART G RESPONSE: 01* (A007/007)							
17 P-VALUE	30.0	31.3	28.9				
17 SE OF P-VALUE	1.7	1.9	2.3				
AD P-VALUE	31.7	30.9	32.4	29.9*	40.8*	29.9	32.8
AD SE OF P-VALUE	1.2	2.1	1.8	1.3	3.1	2.0	1.5

Which of the following statements about diarrhea are true and which are false?

	True	False	I don't know.
A. Diarrhea usually is caused by a viral infection of the intestine.	●	(2)	(3)
B. Diarrhea usually lasts for only 1-3 days.	●	(2)	(3)
C. Diarrhea is usually improved by eating raw fruits, vegetables and bran products.	(1)	●	(3)
D. Diarrhea may cause dehydration (loss of water), especially when it is severe and associated with vomiting.	●	(2)	(3)
E. Diarrhea accompanied by blood, pus or mucus in the stools is a condition that usually requires medical help.	●	(2)	(3)

I-202009-818-3,4

NAEP #:	I-202009-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Health Maintenance Skills	
MAJOR OBJECTIVE:	Knows how, when and where to obtain medical services	
Reporting Theme:	Diseases and Disorders	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	16-20	03-26

EXERCISE: I-202009-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	50.4	49.5	51.2				
17 SE OF P-VALUE	2.0	2.8	2.6				
AD P-VALUE	68.1	65.4*	70.5*	68.6	61.8*	70.1	66.9
AD SE OF P-VALUE	1.7	2.3	1.8	2.1	2.0	2.1	2.4
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	59.4	56.1*	62.5*				
17 SE OF P-VALUE	1.7	2.7	1.9				
AD P-VALUE	78.0	77.8	78.1	80.3*	69.0*	77.6	78.2
AD SE OF P-VALUE	1.2	2.0	1.9	1.3	3.5	2.1	1.6
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	26.3	24.3	28.1				
17 SE OF P-VALUE	1.3	1.9	1.8				
AD P-VALUE	53.7	46.7*	59.9*	57.4*	40.0*	50.4	55.8
AD SE OF P-VALUE	1.9	2.3	2.4	2.4	3.8	2.7	2.6
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	67.7	65.0	70.2				
17 SE OF P-VALUE	1.8	2.3	2.2				
AD P-VALUE	91.1	87.8*	94.1*	94.0*	79.0*	90.9	91.3
AD SE OF P-VALUE	1.0	1.4	1.2	1.0	3.1	1.2	1.6
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	69.4	63.2*	75.2*				
17 SE OF P-VALUE	1.7	2.7	2.1				
AD P-VALUE	92.4	90.8	93.7	94.2*	83.2*	94.4	91.1
AD SE OF P-VALUE	1.0	1.7	1.3	1.0	2.0	1.1	1.4

Many people develop coughs. Which statements about coughs are true and which are false?

	True	False	I don't know.
A. Most hacking coughs are associated with tuberculosis.	(1)	●	(3)
B. Coughing is one way of removing secretions from the body.	●	(2)	(3)
C. Cough medicines cure coughs.	(1)	●	(3)
D. Coughs that progress to wheezing or shortness of breath are indications to see a doctor.	●	(2)	(3)
E. Most coughs are due to an irritation of the bronchi (wind pipes).	●	(2)	(3)

1 202010 81H 3,4

NAEP #: 1-202010-81H-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Know how, when and where to obtain medical services

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

	17	Adult
Overlap:		
Package-Exercise:	12-27	03-40

EXERCISE: I-202010-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	40.1	38.1	42.0				
17 SE OF P-VALUE	1.8	2.4	2.1				
AD P-VALUE	77.7	78.0	77.4	82.8*	54.1*	78.2	77.3
AD SE OF P-VALUE	1.5	2.2	1.7	1.4	3.3	2.1	2.2
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	38.6	35.0*	41.9*				
17 SE OF P-VALUE	1.8	2.4	2.1				
AD P-VALUE	69.7	69.6	69.8	71.9*	63.4	66.3	71.8
AD SE OF P-VALUE	1.8	2.6	1.9	1.9	3.4	3.9	1.6
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	41.4	38.1*	44.5*				
17 SE OF P-VALUE	1.8	2.4	2.1				
AD P-VALUE	78.9	81.1	77.0	84.3*	56.6*	80.3	78.0
AD SE OF P-VALUE	1.4	1.7	2.2	1.4	2.9	2.3	1.9
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	53.6	47.3*	59.5*				
17 SE OF P-VALUE	2.2	2.9	2.3				
AD P-VALUE	97.2	97.3	97.2	98.6*	89.2*	97.0	97.4
AD SE OF P-VALUE	0.5	0.7	0.8	0.4	2.4	0.6	0.7
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	45.2	43.3	47.0				
17 SE OF P-VALUE	1.9	2.6	2.0				
AD P-VALUE	73.0	74.5	71.7	74.6*	65.0*	71.6	73.8
AD SE OF P-VALUE	1.3	2.1	2.0	1.4	2.5	2.4	1.5

A. Which one of the following would be the most nutritious breakfast?

(1) Milk and donuts
(2) Waffles, bacon and orange juice
(3) Eggs, toast and coffee
● Whole wheat cereal with fruit and milk

(5) I don't know.

B. Which one of the following would be the most nutritious snack?

● Cheese and crackers with lemonade
(2) Chocolate cake with lemonade
(3) Hotdog and soft drink
(4) Potato chips and soft drink

(5) I don't know.

I-501016-818-3,4

NAEP #: I-501016-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Family Relationship Skills
MAJOR OBJECTIVE: Applies knowledge and interpersonal skills in developing strategies for solving family problems

Reporting Theme: Nutrition

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17___ Adult
Package-Exercise: 15-27 03-18

EXERCISE: I-501016-818-34

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 04* (A001/001)							
17 P-VALUE	49.3	44.5*	53.8*				
17 SE OF P-VALUE	1.5	2.4	2.1				
AD P-VALUE	76.4	77.0	75.9	78.2*	67.4*	77.2	75.9
AD SE OF P-VALUE	1.4	2.3	2.0	1.6	4.0	2.3	1.9
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	66.0	60.4*	71.3*				
17 SE OF P-VALUE	1.8	2.6	1.9				
AD P-VALUE	88.8	85.6*	91.6*	92.3*	71.2*	90.8	87.5
AD SE OF P-VALUE	1.2	2.0	1.0	1.0	3.6	1.0	1.8

Assume that you want to reduce your calorie intake. For each part on this and the next page, choose the one food that has fewer calories. Assume equal servings of each food.

A. Which one has fewer calories?

● Broiled hamburger
(2) Fried hamburger

(3) I don't know.

B. Which one has fewer calories?

● Skim milk
(2) Whole milk

(3) I don't know.

C. Which one has fewer calories?

(1) Pork
● Chicken

(3) I don't know.

I-501021 A1B 1,4

(Continued)

D. Which one has fewer calories?

(1) Avocado
● Tomato

(3) I don't know.

E. Which one has fewer calories?

(1) Peas
● Spinach

(3) I don't know.

F. Which one has fewer calories?

● Baked potato
(2) Fried potato

(3) I don't know.

G. Which one has fewer calories?

(1) Banana
● Apple

(3) I don't know.

I-501021-818 3,4

NAEP #: I-501021-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Family Relationship Skills
MAJOR OBJECTIVE: Applies knowledge and interpersonal skills in developing strategies for solving family problems

Reporting Theme: Nutrition

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap:	17	Adult
Package-Exercise:	16-08	03-23

EXERCISE: I-501021-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	83.7	75.9*	90.9*				
17 SE OF P-VALUE	1.0	1.6	1.5				
AD P-VALUE	96.2	93.8*	98.3*	97.3*	90.2*	95.6	96.5
AD SE OF P-VALUE	0.6	1.2	0.5	0.6	2.3	1.0	0.8
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	95.8	93.8*	97.7*				
17 SE OF P-VALUE	0.7	1.1	0.6				
AD P-VALUE	98.0	97.8	98.2	98.9*	92.9*	98.2	97.8
AD SE OF P-VALUE	0.4	0.7	0.6	0.4	1.1	0.7	0.5
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	71.3	68.3*	74.0*				
17 SE OF P-VALUE	1.4	2.0	1.9				
AD P-VALUE	90.3	86.2*	93.8*	91.1	82.9*	91.1	89.8
AD SE OF P-VALUE	1.2	1.8	1.1	1.2	3.4	1.3	1.7
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	51.3	46.0*	56.2*				
17 SE OF P-VALUE	1.5	2.2	1.6				
AD P-VALUE	64.2	57.7*	69.8*	62.7*	63.5	65.5	63.4
AD SE OF P-VALUE	2.0	2.8	2.4	2.2	3.2	3.3	2.6
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	50.7	46.1*	54.9*				
17 SE OF P-VALUE	1.9	2.4	2.2				
AD P-VALUE	74.2	62.0*	84.7*	75.3	71.3	73.0	74.9
AD SE OF P-VALUE	1.2	1.9	1.4	1.5	2.9	2.2	1.5
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	86.1	79.6*	92.1*				
17 SE OF P-VALUE	1.2	2.2	1.1				
AD P-VALUE	96.0	93.8*	97.9*	97.2*	90.7*	96.3	95.8
AD SE OF P-VALUE	0.6	1.0	0.5	0.7	1.7	0.8	0.7
PART G RESPONSE: 02* (A007/007)							
17 P-VALUE	60.3	51.7*	68.2*				
17 SE OF P-VALUE	1.7	2.4	2.1				
AD P-VALUE	78.6	70.4*	85.7*	80.0	69.5*	79.2	78.2
AD SE OF P-VALUE	1.3	2.0	1.4	1.4	2.8	1.9	1.5

Which one of the following is the best source of immediate energy?

(1) Proteins
(2) Vitamins
● Carbohydrates
(4) Minerals

(5) I don't know.

I 502007 818 3,4

NAEP #:	I-502007-818-3,4	
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS	
SKILL AREA:	Family Relationship Skills	
MAJOR OBJECTIVE:	Applies Knowledge and interpersonal skills in the process of dating and courtship that may possibly lead to family relationships	
Reporting Theme:	Nutrition	
Exercise/Scoring Type:	Multiple Choice/Machine	
Administration Mode:	17 ---- Group Adult - Individual	
Overlap:	17	Adult
Package-Exercise:	15-03	03-02

EXERCISE: I-502007-818-34

RESPONSE: 03* (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
17 P-VALUE	36.8	38.8	35.0				
17 SE OF P-VALUE	1.9	2.4	2.2				
AD P-VALUE	51.7	54.9*	48.9*	57.8*	21.6*	50.9	52.2
AD SE OF P-VALUE	2.4	3.0	2.6	2.7	2.3	3.3	3.5

Is each of the following conditions necessary before human conception can occur?

	Necessary for conception	Not necessary for conception	I don't know.
A. Sperm must enter the female fallopian tube before conception can occur.	●	○	○
B. The male must ejaculate for conception to occur.	○	●	○
C. The female must produce a ripe egg before conception can occur.	●	○	○
D. An egg cell and sperm cell must unite in order for conception to occur.	●	○	○
E. The penis must enter the vagina for conception to occur.	○	●	○

I-503005-818-4

NAEP #: I-503005-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Family Relationship Skills
Major objective: Applies knowledge and judgment in considering parenthood and carries out responsibly the role of parent

Reporting Theme: Human Sexuality

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-31

EXERCISE: I-503005-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
AD P-VALUE	63.8	61.1	66.1	63.6	63.2	64.0	63.6
AD SE OF P-VALUE	1.6	2.8	1.8	1.8	3.7	2.8	1.9
PART B RESPONSE: 02* (A002/002)							
AD P-VALUE	23.1	24.9	21.5	23.2	21.8	21.0	24.4
AD SE OF P-VALUE	1.3	2.1	1.9	1.6	3.2	1.7	1.7
PART C RESPONSE: 01* (A003/003)							
AD P-VALUE	82.6	80.5	84.5	86.8*	67.0*	83.5	82.1
AD SE OF P-VALUE	1.5	1.8	2.0	1.0	4.6	2.1	2.0
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	95.7	94.7	96.6	97.4*	87.6*	97.1	94.9
AD SE OF P-VALUE	0.8	1.3	0.9	0.6	2.7	0.7	1.1
PART E RESPONSE: 02* (A005/005)							
AD P-VALUE	45.5	50.2*	41.3*	48.0*	33.9*	47.3	44.3
AD SE OF P-VALUE	1.7	2.4	2.0	2.0	3.1	2.7	2.3

The Boardmans have a one-month old baby. They have been reading a book on child growth and development so that they will have some idea of what changes to expect as their baby grows older. They have read that most normal babies show changes in behavior at about the same age. On this and the next page are statements about developmental changes in behavior. Will these developmental changes usually occur earlier than 18 months of age or later than 18 months of age?

	Earlier than 18 months	Later than 18 months	I don't know.
A. A child should be able to recognize strangers and is sometimes afraid of them.	●	(2)	(3)
B. A child should be able to talk in short sentences.	(1)	●	(3)
C. A child should be able to get food in his or her mouth without help.	●	(2)	(3)
D. A child should be able to follow objects with his or her eyes.	●	(2)	(3)

[illegible]

(Continued)

	Earlier than 18 months	Later than 18 months	I don't know.
E. A child should be able to make facial expressions and sounds that indicate he or she recognizes the parents.	●	(2)	(3)
F. A child should be able to crawl from place to place on hands and knees.	●	(2)	(3)
G. A child should be able to keep control over urine and bowel movements most of the time.	(1)	●	(3)
H. A child should be able to stand up while holding onto furniture.	●	(2)	(3)

I 503009 818-3,4

NAEP #:	I-503009-818-3,4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Family Relationship Skills
MAJOR OBJECTIVE:	Applies knowledge and judgment in considering parenthood and carries out responsibly the role of parent
Reporting Theme:	Diseases and Disorders
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 ---- Group Adult - Individual

	17	Adult
Overlap:		
Package-Exercise:	15-20	03-06

EXERCISE: I-503009-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	62.6	54.2*	70.5*				
17 SE OF P-VALUE	1.5	1.8	2.6				
AD P-VALUE	84.9	80.5*	88.7*	86.2*	83.8	82.3	86.5
AD SE OF P-VALUE	1.1	1.6	1.4	1.2	2.9	1.7	1.5
PART B RESPONSE: 02* (A002/002)							
17 P-VALUE	71.7	73.8	69.7				
17 SE OF P-VALUE	1.4	2.0	1.8				
AD P-VALUE	68.0	68.2	67.9	71.0*	56.6*	70.5	66.5
AD SE OF P-VALUE	2.0	2.7	1.9	2.0	3.6	3.2	2.6
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	41.3	37.4*	45.1*				
17 SE OF P-VALUE	1.2	1.8	2.0				
AD P-VALUE	76.5	68.3*	83.7*	77.4	72.6	75.9	77.0
AD SE OF P-VALUE	1.3	2.1	1.6	1.4	4.5	2.6	1.7
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	89.3	86.4*	92.1*				
17 SE OF P-VALUE	1.3	1.6	1.5				
AD P-VALUE	96.4	95.7	97.0	97.4	94.3	97.5	95.7
AD SE OF P-VALUE	0.7	1.0	1.0	0.7	1.5	1.0	1.0
PART E RESPONSE: 01* (A005/005)							
17 P-VALUE	87.0	82.5*	91.2*				
17 SE OF P-VALUE	1.3	1.6	1.6				
AD P-VALUE	96.0	95.2	96.8	97.4*	93.1	96.1	96.0
AD SE OF P-VALUE	0.7	1.0	1.0	0.6	2.4	1.1	1.0
PART F RESPONSE: 01* (A006/006)							
17 P-VALUE	81.7	78.0*	85.3*				
17 SE OF P-VALUE	1.3	1.5	1.6				
AD P-VALUE	95.1	93.6	96.4	96.4*	89.8*	96.1	94.4
AD SE OF P-VALUE	0.8	1.4	1.0	1.0	2.0	0.9	1.3
PART G RESPONSE: 02* (A007/007)							
17 P-VALUE	83.6	80.4*	86.7*				
17 SE OF P-VALUE	1.0	1.5	1.3				
AD P-VALUE	84.8	83.5	85.9	87.3*	71.3*	85.7	84.2
AD SE OF P-VALUE	1.3	1.5	1.7	1.5	2.5	1.5	2.0

EXERCISE: I-503009-818-34

PART H RESPONSE: 01* (A008/008)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
17 P-VALUE	59.4	51.0*	67.3*				
17 SE OF P-VALUE	1.8	2.3	2.4				
AD P-VALUE	88.6	84.0*	92.6*	89.3	87.2	88.3	88.8
AD SE OF P-VALUE	1.0	1.9	1.1	1.1	2.1	1.4	1.3

Which of the following statements about the services of family planning clinics are true and which are false?

	True	False	I don't know.
A. Family planning clinics usually provide information and counseling about reproduction.	●	○	○
B. Family planning clinics usually provide information and counseling about alternative methods of birth control.	●	○	○
C. Family planning clinics usually provide information and counseling to people who want children but have fertility problems.	●	○	○
D. Family planning clinics usually provide information and counseling to women who are pregnant.	●	○	○

1-503013-818-4

NAEP #:	1-503013-818-4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Family Relationship Skills
MAJOR OBJECTIVE:	Applies knowledge and judgment in considering parenthood and carries out responsibly the role of parent
Reporting Theme:	Human Sexuality
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Adult - Individual
Age:	Adult
Package-Exercise:	03-20

EXERCISE: I-503013-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 01* (A001/001)							
AD P-VALUE	86.7	86.9	86.6	89.2*	74.3*	86.8	86.7
AD SE OF P-VALUE	1.2	1.7	1.8	1.4	2.7	1.7	1.7
PART B RESPONSE: 01* (A002/002)							
AD P-VALUE	92.4	91.1	93.6	94.1*	86.7*	93.1	92.0
AD SE OF P-VALUE	1.1	1.9	1.2	1.2	2.6	1.3	1.7
PART C RESPONSE: 01* (A003/003)							
AD P-VALUE	44.8	45.7	44.1	45.3	44.2	41.4*	47.0*
AD SE OF P-VALUE	1.3	2.5	2.4	1.5	3.7	1.9	1.8
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	66.5	65.4	67.5	65.5	71.7	63.9	68.2
AD SE OF P-VALUE	1.6	2.7	1.9	1.8	3.0	2.2	2.2

Which of the following statements are true and which are false?

	True	False	I don't know.
A. The health of a pregnant woman has an effect on the health of her baby.	●	(2)	(3)
B. Infants have a better chance of survival if the mother is well nourished throughout pregnancy.	●	(2)	(3)
C. Infant death is more frequent among children born of mothers in their teens than for those born of mothers in their twenties.	●	(2)	(3)
D. The death rate of mothers during pregnancy and childbirth is lower for women in their teens than for women in their twenties.	(1)	●	(3)
E. Birth defects are less common in children born of women who are near the end of their child bearing years.	(1)	●	(3)

I-503018-818-3,4

NAEP #:	I-503018-818-3,4
ASSESSMENT PROBE AREA:	BASIC LIFE SKILLS
SKILL AREA:	Family Relationship Skills
MAJOR OBJECTIVE:	Applies knowledge and judgment in considering parenthood and carries out responsibly the role of parent
Reporting Themes:	A. Nutrition B. Human Sexuality
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	17 ---- Group Adult - Individual

Overlap:	17	Adult
Package-Exercise:	17-32	03-25

EXERCISE: I-503018-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
17 P-VALUE	49.3	44.9*	53.7*				
17 SE OF P-VALUE	2.5	3.0	2.8				
AD P-VALUE	98.0	97.5	98.4	98.7	94.9	97.3	98.4
AD SE OF P-VALUE	0.5	0.7	0.6	0.4	2.0	0.7	0.6
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	48.2	42.6*	53.8*				
17 SE OF P-VALUE	2.5	3.0	2.8				
AD P-VALUE	97.1	96.3	97.9	98.6*	90.1*	97.6	96.8
AD SE OF P-VALUE	0.7	0.8	0.8	0.4	3.5	0.6	1.0
PART C RESPONSE: 01* (A003/003)							
17 P-VALUE	26.3	26.5	26.0				
17 SE OF P-VALUE	1.9	2.6	1.9				
AD P-VALUE	42.7	39.3*	45.7*	44.8*	31.5*	39.5	44.7
AD SE OF P-VALUE	1.9	2.6	2.3	2.5	2.7	3.5	2.5
PART D RESPONSE: 02* (A004/004)							
17 P-VALUE	27.4	23.4*	31.3*				
17 SE OF P-VALUE	1.8	2.2	2.1				
AD P-VALUE	48.8	43.2*	53.7*	50.9*	45.2	45.4	51.0
AD SE OF P-VALUE	1.6	2.8	2.4	1.6	4.1	2.8	1.6
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	35.6	27.6*	43.7*				
17 SE OF P-VALUE	2.3	2.3	2.7				
AD P-VALUE	79.7	73.6*	85.0*	84.4*	59.9*	81.7	78.5
AD SE OF P-VALUE	1.1	2.0	1.4	1.3	3.1	2.2	1.4

Listed below are statements about birth control. Is each statement true or false?

	True	False	I don't know.
A. Birth control refers in general to the use of some means to keep the sperm from meeting the ovum.	●	○	○
B. Prescribed birth control pills are about 99% effective in preventing pregnancy if taken correctly.	●	○	○
C. Birth control pills can be taken just on the day of intercourse and still be effective.	○	●	○
D. A woman with a history of migraine headaches and blood clots should consult a doctor before taking any birth control pills.	●	○	○
E. A woman should take only birth control pills that are prescribed by her doctor.	●	○	○
F. The I.U.D. is a method of birth control that is inserted in the uterus by a medically qualified individual.	●	○	○
G. The I.U.D. is only about 50% effective in preventing pregnancy.	○	●	○
H. Contraceptive foam can be obtained without a doctor's prescription.	●	○	○

(Continued)

	True	False	I don't know.
I. When inserted into the vagina immediately prior to intercourse, contraceptive foam kills the sperm.	●	○	○
J. Contraceptive foam is only about 20% effective in preventing pregnancy.	○	●	○
K. Condoms ("rubbers") can be purchased without a prescription.	●	○	○
L. A condom is a covering that fits over the penis and blocks the sperm from entering the uterus.	●	○	○
M. The condom is generally effective as a method to prevent gonorrhea.	●	○	○
N. Condoms are completely effective in preventing pregnancy.	○	●	○

P. The diaphragm is a method of birth control used by men.	○	●	○
Q. The rhythm method is a highly effective means of preventing pregnancy.	○	●	○
R. Abortion is a means of terminating pregnancy.	●	○	○

I-503021-818-4

NAEP #: I-503021-818-4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Family Relationship Skills
MAJOR OBJECTIVE: Applies knowledge and judgment in considering parenthood and carries out responsibly the role of parent

Reporting Theme: Human Sexuality

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Adult - Individual

Age: Adult
Package-Exercise: 03-42

EXERCISE: I-503021-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
AD P-VALUE	85.2	81.7*	88.2*	86.2*	80.4	84.0	85.9
AD SE OF P-VALUE	1.3	1.9	1.5	1.3	2.7	2.2	1.8
PART B RESPONSE: 01* (A002/002)							
AD P-VALUE	90.1	85.9*	93.6*	91.7*	81.8*	89.5	90.4
AD SE OF P-VALUE	0.9	1.5	1.0	0.8	3.6	1.1	1.3
PART C RESPONSE: 02* (A003/003)							
AD P-VALUE	90.3	90.7	90.0	92.4*	80.5*	90.4	90.3
AD SE OF P-VALUE	1.3	1.6	1.4	1.2	2.9	2.3	1.5
PART D RESPONSE: 01* (A004/004)							
AD P-VALUE	94.4	92.0*	96.4*	95.4*	90.3*	93.6	94.9
AD SE OF P-VALUE	0.8	1.2	1.0	0.6	1.9	1.1	0.8
PART E RESPONSE: 01* (A005/005)							
AD P-VALUE	97.4	95.9*	98.7*	98.2*	92.4*	97.2	97.5
AD SE OF P-VALUE	0.5	0.9	0.5	0.5	1.6	0.8	0.7
PART F RESPONSE: 01* (A006/006)							
AD P-VALUE	85.0	78.4*	90.8*	87.8*	73.4*	86.0	84.4
AD SE OF P-VALUE	1.5	2.2	1.4	1.5	3.7	1.9	2.0
PART G RESPONSE: 02* (A007/007)							
AD P-VALUE	50.4	47.3	53.0	53.9*	30.3*	51.6	49.6
AD SE OF P-VALUE	2.0	3.0	2.5	2.1	2.6	3.1	2.7
PART H RESPONSE: 01* (A008/008)							
AD P-VALUE	83.0	76.9*	88.2*	85.7*	72.9*	85.9	81.1
AD SE OF P-VALUE	1.3	2.6	1.3	1.4	3.8	1.5	2.0
PART I RESPONSE: 01* (A009/009)							
AD P-VALUE	68.8	65.1*	72.0*	71.3*	58.4*	66.7	70.2
AD SE OF P-VALUE	1.3	2.0	1.7	1.5	2.9	2.3	1.8
PART J RESPONSE: 02* (A010/010)							
AD P-VALUE	36.1	37.9	34.5	38.1*	24.3*	34.5	37.1
AD SE OF P-VALUE	1.4	2.1	2.0	1.7	3.2	1.9	1.8

EXERCISE: I-503021-818-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART K RESPONSE: 01* (A011/011)							
AD P-VALUE	96.4	96.4	96.4	98.2*	86.3*	97.2	95.9
AD SE OF P-VALUE	0.8	1.0	0.8	0.4	2.7	1.1	1.0
PART L RESPONSE: 01* (A012/012)							
AD P-VALUE	95.7	95.1	96.2	97.5*	85.1*	96.8	95.0
AD SE OF P-VALUE	0.6	0.9	0.5	0.4	2.7	0.7	1.0
PART M RESPONSE: 01* (A013/013)							
AD P-VALUE	61.9	71.1*	53.9*	62.9	63.7	64.9	60.0
AD SE OF P-VALUE	1.5	2.6	1.9	1.6	3.6	2.8	1.9
PART N RESPONSE: 02* (A014/014)							
AD P-VALUE	74.0	70.4*	77.2*	78.1*	56.3*	74.1	74.0
AD SE OF P-VALUE	1.8	2.5	1.9	1.7	3.8	3.4	1.9
PART P RESPONSE: 02* (A016/016)							
AD P-VALUE	91.1	88.6*	93.2*	95.0*	72.5*	94.1*	89.1*
AD SE OF P-VALUE	1.3	1.5	1.5	0.7	5.0	1.0	1.9
PART Q RESPONSE: 02* (A017/017)							
AD P-VALUE	67.6	66.7	68.5	74.2*	36.1*	73.2*	64.1*
AD SE OF P-VALUE	2.1	2.3	2.7	2.1	4.4	2.0	3.1
PART R RESPONSE: 01* (A018/018)							
AD P-VALUE	92.7	90.5*	94.7*	94.8*	82.5*	93.6	92.2
AD SE OF P-VALUE	1.0	1.3	1.0	0.8	3.5	1.1	1.4

The Palmer family recently arrived in Chicago. They would like to find out about the health care services available in this city. Which of the following sources would provide complete, accurate information about health care services in the city and which would not?

	Complete, accurate information	Incomplete, inaccurate information	I don't know.
A. A local drugstore	(1)	●	(3)
B. The public health department	●	(2)	(3)
C. The welfare department	(1)	●	(3)
D. A local medical society	●	(2)	(3)
E. A neighbor or friend	(1)	●	(3)
F. A relative	(1)	●	(3)

I-601013-818-3,4

NAEP #: I-601013-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Community Resources Utilization Skills
MAJOR OBJECTIVE: Identifies community resources and services (public and private) available to help in meeting personal needs or problems

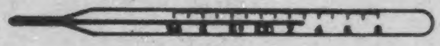
Reporting Theme: Health Care Services

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17___ Adult
Package-Exercise: 13-04 03-16

EXERCISE: I-601013-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
17 P-VALUE	63.3	59.9*	66.6*				
17 SE OF P-VALUE	1.3	1.7	1.8				
AD P-VALUE	69.9	69.4	70.3	72.6*	55.6*	76.8*	65.5*
AD SE OF P-VALUE	1.8	2.1	2.2	2.1	3.2	1.8	2.6
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	95.7	94.1*	97.2*				
17 SE OF P-VALUE	0.7	1.3	0.6				
AD P-VALUE	95.3	95.0	95.6	96.5*	88.6*	95.3	95.2
AD SE OF P-VALUE	0.9	1.0	1.1	0.8	3.0	1.2	1.2
PART C RESPONSE: 02* (A003/003)							
17 P-VALUE	41.1	43.8*	38.5*				
17 SE OF P-VALUE	1.6	1.9	2.1				
AD P-VALUE	40.7	42.5	39.2	41.5	38.3	42.8	39.4
AD SE OF P-VALUE	2.0	3.3	2.2	2.1	4.7	2.6	2.9
PART D RESPONSE: 01* (A004/004)							
17 P-VALUE	82.4	80.3	84.5				
17 SE OF P-VALUE	1.2	1.7	1.7				
AD P-VALUE	84.4	82.1	86.3	85.4	76.3*	84.5	84.3
AD SE OF P-VALUE	1.1	1.6	1.7	1.4	2.4	1.7	1.7
PART E RESPONSE: 02* (A005/005)							
17 P-VALUE	84.4	83.4	85.4				
17 SE OF P-VALUE	1.2	1.8	1.7				
AD P-VALUE	88.1	89.3	87.1	91.2*	68.4*	89.0	87.5
AD SE OF P-VALUE	1.3	1.9	1.7	1.0	4.5	1.3	2.1
PART F RESPONSE: 02* (A006/006)							
17 P-VALUE	81.2	80.5	81.9				
17 SE OF P-VALUE	1.2	1.8	1.7				
AD P-VALUE	84.1	85.0	83.3	88.0*	61.3*	83.6	84.4
AD SE OF P-VALUE	1.0	1.6	1.5	1.1	2.9	1.2	1.4



A. What is the temperature reading on the thermometer?

○ 98.6 degrees
○ 100 degrees
○ 102.5 degrees
● 103 degrees
○ 104 degrees

○ I don't know.

B. What would you do if this were your temperature?

● Seek medical advice -- the reading is above normal range.
○ Seek medical advice -- the reading is below normal range.
○ Nothing needs to be done -- the reading is within normal range.

○ I don't know.

I-706001-818-3,4

NAEP #: I-706001-818-3,4

ASSESSMENT PROBE AREA: BASIC LIFE SKILLS

SKILL AREA: Health Maintenance Skills
MAJOR OBJECTIVE: Recognizes conditions and practices conducive to good health

Reporting Theme: Diseases and Disorders

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: 17 ---- Group
Adult - Individual

Overlap: 17 Adult
Package-Exercise: 17-22 03-15

Note: The unique NAEP# used to identify this exercise is erroneous. This exercise should have been classified in the skill area of health maintenance.

EXERCISE: I-706001-818-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 04* (A001/001)							
17 P-VALUE	65.1	63.6	66.5				
17 SE OF P-VALUE	1.8	3.0	2.3				
AD P-VALUE	87.4	88.0	87.0	92.2*	68.3*	88.3	86.9
AD SE OF P-VALUE	1.2	1.5	1.9	1.0	3.3	1.6	1.7
PART B RESPONSE: 01* (A002/002)							
17 P-VALUE	75.0	70.3*	79.6*				
17 SE OF P-VALUE	1.9	2.6	2.1				
AD P-VALUE	92.9	93.4	92.5	96.6*	77.5*	93.1	92.8
AD SE OF P-VALUE	1.0	1.3	1.1	0.6	4.2	1.2	1.5

THE ENERGY SURVEY

This section of the technical volume contains information about the energy survey administered to young adults (ages 26 to 35) during the summer of 1977.[1] Readers desiring information about the assessment of young adults in the area of science should contact National Assessment.

Recognizing the importance of providing the public with national baseline data on energy knowledge and attitudes, National Assessment developed an energy assessment for young adults and administered it during the summer of 1977. The energy assessment developmental process consisted of seven stages:

1. In-House Planning. During this stage, various options regarding the scope of the assessment, the target population and the timing of the assessment were discussed. Agencies and organizations interested in energy education were contacted and energy consultants were identified.

2. Goals and Objectives Conference. At this conference, leaders in energy education met to determine the purposes to be served by the assessment and to outline the general framework for the energy objectives. Groups represented include the Energy Research and Development Administration, the Federal Energy Agency (now the U.S. Department of Energy), the League of Women Voters, the American Association for the Advancement of Science and the National Science Teachers Association.

3. Specific Objectives Conference. At this meeting, some participants in the goals and objectives conference worked with science educators who have special expertise in the development of objectives. They identified some of the important and specific facts, concepts, principles and attitudes underlying development of items designed to measure the major objectives identified at the first conference.

4. Item Writing Conferences. At these conferences, experienced item writers and energy educators wrote questions intended to measure the specific knowledge and attitudes identified in the objectives.

5. Tryouts and Revisions. Developed items were administered to groups of adults. Feedback from the tryout groups and data from the tryouts resulted in revision of some items and deletion of others.

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[1] The complete volume, Technical Information and Data From the 1977 Young Adult Assessment of Health, Energy and Reading, can be ordered from National Assessment for $15.00. Cost of separate sets: Health, $6.00; Energy, $7.80; Reading, $1.65.

6. Item Selection Conference. At this conference, participants in all phases of the development met to determine which items would be included in the actual assessment. Decisions were based on tryout data, item efficiency, importance of the information and coverage of the objectives.

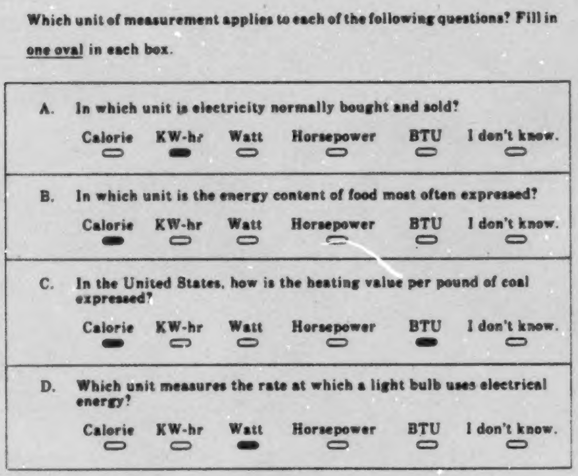
7. Packaging. Items were styled uniformly and placed in one package (test booklet) for administration.

The assessment of a national probability sample of approximately 1,300 adults was administered by trained interviewers. Each adult respondent was asked to complete a background questionnaire and from one to four test booklets, among them the energy test booklet. Each respondent read the questions and recorded his or her answers in the appropriate booklet. The estimated completion time for each booklet was 45 minutes, but respondents were asked to work until they had completed all the questions.

Exercises, Documentation Pages and Data Tables

Each exercise in this section is immediately followed by its accompanying documentation page and data table. Following is a sample of this format.

Sample Energy Exercise



Which unit of measurement applies to each of the following questions? Fill in one oval in each box.

A. In which unit is electricity normally bought and sold?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
○	●	○	○	○	○

B. In which unit is the energy content of food most often expressed?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
●	○	○	○	○	○

C. In the United States, how is the heating value per pound of coal expressed?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
●	○	○	○	●	○

D. Which unit measures the rate at which a light bulb uses electrical energy?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
○	○	●	○	○	○

Sample Energy Documentation Page

NAEP #:	8-A11C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-17

Sample Energy Data Table

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	DCSTP	UCSSP
EXERCISE: 8-A11C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.0	0.2	0.1	0.3	0.3	0.0
SE OF P-VALUE	0.1	0.0	0.2	0.1	0.2	0.2	0.0
RESPONSE: 01							
P-VALUE	0.1	0.2	0.1	0.0	0.9	0.0	0.2
SE OF P-VALUE	0.1	0.2	0.1	0.0	0.5	0.0	0.1
RESPONSE: 02*							
P-VALUE	75.3	83.5*	68.2*	82.0*	63.2*	77.3	78.4
SE OF P-VALUE	1.9	2.3	2.2	1.8	4.2	2.6	2.7
RESPONSE: 03							
P-VALUE	12.9	7.7*	17.5*	10.7*	19.8*	12.2	13.4
SE OF P-VALUE	1.1	1.1	1.7	1.3	3.3	1.5	1.5
RESPONSE: 04							
P-VALUE	1.2	1.7	0.8	0.5	5.3*	0.7	1.5
SE OF P-VALUE	0.5	0.7	0.4	0.2	2.4	0.4	0.7
RESPONSE: 05							
P-VALUE	4.1	3.1	5.0	3.2*	11.4*	5.1	3.5
SE OF P-VALUE	0.6	0.8	0.7	0.6	2.7	1.2	0.6
RESPONSE: 09#							
P-VALUE	6.1	3.8*	8.2*	3.4*	19.1*	4.7	7.0
SE OF P-VALUE	1.0	1.2	1.4	0.8	3.0	1.1	1.5
EXERCISE: 8-A11C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.2	0.3	0.2	0.0	1.8	0.1	0.3
SE OF P-VALUE	0.1	0.2	0.1	0.0	1.1	0.0	0.2
RESPONSE: 01*							
P-VALUE	90.5	91.5	89.7	93.8*	72.0*	90.7	90.4
SE OF P-VALUE	1.2	1.4	1.4	1.2	3.1	1.9	1.7

How To Read the Sample Data Table

The sample data table displays part of the results for Exercise 8-A11C01-818-4. Data tables are ordered numerically by their unique NAEP identification numbers.

The data table following each documentation page displays results for all response categories. For each exercise, the NAEP identification number is listed first, followed by the exercise-part label and the corresponding data tape field position number -- in this case, AA001/001. Next, the response category numbers are listed down the page, while the names of the reporting groups are displayed across the top of the data tables.

Results for each part of multipart exercises are reported separately and designated by exercise-part labels. When an exercise contains only one question or part, the exercise-part label is not printed. Each exercise part corresponds to a data tape field position number. For example, part A corresponds to (A001/001), part B corresponds to (A002/002), part C corresponds to (A003/003), etc.

Percentages (p-values) and their standard errors (SE of p-values) for both the nation and selected groups are presented across the data tables. Each set of percentages and standard errors is designated by a response category number. Category "00" (no response) appears first, while category "09#" (I don't know) appears last. The remaining categories include all other response choices for each exercise part. Correct response categories are marked with asterisks beside the response numbers.

The data table shows that the national percentage of young adults choosing the correct response (02*) was 75.3%. Notice that the p-values, or percentages, for both males and females as well as whites and blacks have asterisks. For example, when one considers the sex data, this means that 95 out of 100 times young adults who are male would perform above the national level while young adults who are female would perform below the nation, since the differences between each of these groups and the nation is more than twice the standard error of that difference.

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Which unit of measurement applies to each of the following questions? Fill in one oval in each box.

A. In which unit is electricity normally bought and sold?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
○	●	○	○	○	○

B. In which unit is the energy content of food most often expressed?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
●	○	○	○	○	○

C. In the United States, how is the heating value per pound of coal expressed?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
●	○	○	○	●	○

D. Which unit measures the rate at which a light bulb uses electrical energy?

Calorie	KW-hr	Watt	Horsepower	BTU	I don't know.
○	○	●	○	○	○

8-A11C01-818-4

NAEP #:	8-A11C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-17

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A11C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.0	0.2	0.1	0.3	0.3	0.0
SE OF P-VALUE	0.1	0.0	0.2	0.1	0.2	0.2	0.0
RESPONSE: 01							
P-VALUE	0.1	0.2	0.1	0.0	0.9	0.0	0.2
SE OF P-VALUE	0.1	0.2	0.1	0.0	0.5	0.0	0.1
RESPONSE: 02*							
P-VALUE	75.3	83.5*	68.2*	82.0*	43.2*	77.0	74.4
SE OF P-VALUE	1.9	2.3	2.2	1.8	4.2	2.6	2.7
RESPONSE: 03							
P-VALUE	12.9	7.7*	17.5*	10.7*	19.8*	12.2	13.4
SE OF P-VALUE	1.1	1.1	1.7	1.3	3.3	1.5	1.5
RESPONSE: 04							
P-VALUE	1.2	1.7	0.8	0.5	5.3*	0.7	1.5
SE OF P-VALUE	0.5	0.7	0.4	0.2	2.4	0.4	0.7
RESPONSE: 05							
P-VALUE	4.1	3.1	5.0	3.2*	11.4*	5.1	3.5
SE OF P-VALUE	0.6	0.8	0.7	0.6	2.7	1.2	0.6
RESPONSE: 09#							
P-VALUE	6.1	3.8*	8.2*	3.4*	19.1*	4.7	7.0
SE OF P-VALUE	1.0	1.2	1.4	0.8	3.0	1.1	1.5
EXERCISE: 8-A11C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.2	0.3	0.2	0.0	1.8	0.1	0.3
SE OF P-VALUE	0.1	0.2	0.1	0.0	1.1	0.0	0.2
RESPONSE: 01*							
P-VALUE	90.5	91.5	89.7	93.8*	72.0*	90.7	90.4
SE OF P-VALUE	1.2	1.4	1.4	1.2	3.1	1.9	1.7

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A11C01-818-4 PART B (A002/002)							
RESPONSE: 02							
P-VALUE	1.1	1.6	0.7	0.8	2.5	2.1	0.5
SE OF P-VALUE	0.5	0.8	0.3	0.5	1.0	1.2	0.2
RESPONSE: 03							
P-VALUE	1.1	1.2	1.1	0.9	2.8	0.3	1.7
SE OF P-VALUE	0.5	0.6	0.6	0.4	1.9	0.2	0.7
RESPONSE: 04							
P-VALUE	0.8	1.1	0.4	0.3	0.8	0.8	0.7
SE OF P-VALUE	0.3	0.5	0.3	0.2	0.4	0.4	0.4
RESPONSE: 05							
P-VALUE	0.4	0.3	0.4	0.2	1.6	0.3	0.4
SE OF P-VALUE	0.2	0.2	0.2	0.1	0.9	0.2	0.2
RESPONSE: 09#							
P-VALUE	5.8	4.0*	7.5*	3.9*	18.4*	5.7	6.0
SE OF P-VALUE	0.9	0.9	1.1	0.9	3.7	1.3	1.3
EXERCISE: 8-A11C01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.2	0.2	0.2	0.1	1.0	0.3	0.2
SE OF P-VALUE	0.1	0.2	0.2	0.1	0.7	0.2	0.2
RESPONSE: 01*							
P-VALUE	0.5	0.6	0.5	0.4	0.7	0.3	0.6
SE OF P-VALUE	0.2	0.3	0.3	0.2	0.5	0.2	0.3
RESPONSE: 02							
P-VALUE	3.9	4.0	3.9	3.1	8.9	5.8*	2.8
SE OF P-VALUE	0.6	1.0	0.8	0.6	3.2	1.4	0.5
RESPONSE: 03							
P-VALUE	2.0	1.8	2.2	1.6	3.8	2.1	1.9
SE OF P-VALUE	0.5	0.6	0.8	0.5	0.9	0.8	0.6

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A11C01-818-4 PART C (A003/003)							
RESPONSE: 04							
P-VALUE	5.5	4.1	6.7	4.2*	12.8*	5.1	5.7
SE OF P-VALUE	0.8	0.9	1.2	0.6	2.9	1.0	1.2
RESPONSE: 05*							
P-VALUE	49.0	64.5*	35.4*	53.6*	24.8*	45.1	51.4
SE OF P-VALUE	1.7	2.5	2.2	2.0	2.7	2.9	2.5
RESPONSE: 09#							
P-VALUE	38.8	24.8*	51.1*	36.9*	48.0*	41.2	37.4
SE OF P-VALUE	1.5	1.9	2.3	1.9	3.7	2.1	2.2
EXERCISE: 8-A11C01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.0	0.0	0.0	0.0*	0.3*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	0.1	0.2	0.0	0.0	0.7	0.0	0.1
SE OF P-VALUE	0.1	0.2	0.0	0.0	0.6	0.0	0.1
RESPONSE: 02							
P-VALUE	9.6	8.3	10.7	9.9	7.8	9.9	9.4
SE OF P-VALUE	0.9	1.1	1.2	1.0	1.0	1.4	1.1
RESPONSE: 03*							
P-VALUE	84.3	86.4*	82.4*	87.0*	74.0*	85.5	83.6
SE OF P-VALUE	1.3	1.5	1.7	1.2	2.0	2.0	1.7
RESPONSE: 04							
P-VALUE	0.0	0.0	0.0	0.0	0.1	0.0	0.0
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.1	0.0	0.0
RESPONSE: 05							
P-VALUE	1.4	0.8	1.9	0.9	2.1	1.3	1.5
SE OF P-VALUE	0.4	0.4	0.8	0.4	0.9	0.3	0.6

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A11C01-818-4 PART D (A004/004)							
RESPONSE: 09#							
P-VALUE	4.5	4.1	4.9	2.1*	14.9*	3.0	5.4
SE OF P-VALUE	0.8	0.9	0.9	0.5	2.4	1.0	1.2

Which one of the following sequences __best__ shows the process of generating electricity by means of nuclear fission?

○ Uranium ——► Electricity

○ Uranium ——► Hot gases ——► Electricity

● Uranium – – ► Heat – – ► Steam – – ► Mechanical Energy – – ► Electricity

○ Uranium – – ► Mechanical Energy – – ► Electricity

○ I don't know.

8-A11C02 018 4

NAEP #:	8-A11C02-018-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	__Adult__
Package-Exercise:	04-21

EXERCISE: 8-A11C02-818-4 (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 00							
P-VALUE	0.4	0.5	0.3	0.2*	1.6*	0.9*	0.1*
SE OF P-VALUE	0.2	0.3	0.1	0.2	0.6	0.4	0.1
RESPONSE: 01							
P-VALUE	2.1	2.8	1.5	1.5*	3.9*	2.3	2.0
SE OF P-VALUE	0.5	0.9	0.5	0.5	0.8	0.6	0.7
RESPONSE: 02							
P-VALUE	3.5	3.6	3.3	2.3	5.2	2.2	4.2
SE OF P-VALUE	0.8	0.9	0.8	0.5	1.1	0.6	1.2
RESPONSE: 03*							
P-VALUE	33.1	49.5*	18.8*	35.0*	23.4*	34.0	32.6
SE OF P-VALUE	1.4	2.2	1.6	1.4	2.9	2.3	1.7
RESPONSE: 04							
P-VALUE	4.8	4.4	5.2	4.9	5.7	4.7	4.9
SE OF P-VALUE	0.6	0.8	0.9	0.7	1.3	0.8	0.8
RESPONSE: 09#							
P-VALUE	56.0	39.2*	70.9*	56.0	60.2	55.8	56.2
SE OF P-VALUE	1.5	2.1	1.4	1.4	3.5	2.5	1.8

About what percentage of the sunlight which falls on a solar cell is converted to electricity?

○ 1%
● 10%
○ 60%
○ 90%

○ I don't know.

8-A11C03-818-4

NAEP #:	8-A11C03-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-26

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A11C03-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.0	0.0	0.0	0.0*	0.3*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	4.5	6.7*	2.6*	4.9	2.1*	4.9	4.2
SE OF P-VALUE	0.6	1.2	0.6	0.7	0.9	1.3	0.6
RESPONSE: 02*							
P-VALUE	14.0	19.1*	9.5*	13.0	19.0	13.6	14.2
SE OF P-VALUE	1.2	1.6	1.4	1.5	3.6	1.1	1.9
RESPONSE: 03							
P-VALUE	17.9	17.7	18.0	17.5	21.6	16.4	18.8
SE OF P-VALUE	1.3	2.1	1.3	1.4	2.8	1.6	1.8
RESPONSE: 04							
P-VALUE	10.6	8.7	12.2	10.1	10.2	12.4	9.5
SE OF P-VALUE	0.9	1.4	1.5	1.0	2.2	1.8	1.2
RESPONSE: 09#							
P-VALUE	53.0	47.7*	57.6*	54.5*	46.7	52.6	53.2
SE OF P-VALUE	1.8	2.5	1.5	2.0	3.8	2.1	2.5

Improved technology will eventually make it possible to convert to useful work all of the energy released by burning a fuel.

○ **True**

● **False**

○ **I don't know.**

8-A11C04-818-4

NAEP #:	8-A11C04-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-27

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A11C04-818-4	**(A001/001)**						
RESPONSE: 00							
P-VALUE	0.0	0.0	0.1	0.0*	0.4*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	49.7	44.6*	54.2*	48.6	49.8	46.0	51.9
SE OF P-VALUE	1.7	1.8	2.3	2.0	3.9	3.1	2.0
RESPONSE: 02*							
P-VALUE	31.8	42.9*	22.0*	33.5*	25.4	34.4	30.2
SE OF P-VALUE	1.6	1.8	2.0	1.9	3.0	2.6	1.9
RESPONSE: 09#							
P-VALUE	18.5	12.5*	23.8*	17.9	24.3	19.5	17.9
SE OF P-VALUE	0.9	1.3	1.8	1.1	3.4	1.8	1.3

Which energy source answers each question below?

A. Which energy source is most radioactive?

Coal	Plutonium	Petroleum	Uranium	Solar Energy	I don't know.
○	●	○	○	○	○

B. In the long run, which is the largest potential source of energy?

Coal	Plutonium	Petroleum	Uranium	Solar Energy	I don't know.
○	○	○	○	●	○

C. What energy exports from the Middle East are the largest in the world?

Coal	Plutonium	Petroleum	Uranium	Solar Energy	I don't know.
○	○	●	○	○	○

D. Which energy source are we likely to run out of first?

Coal	Plutonium	Petroleum	Uranium	Solar Energy	I don't know.
○	○	●	○	○	○

E. Which energy source is produced by "breeders"?

Coal	Plutonium	Petroleum	Uranium	Solar Energy	I don't know.
○	●	○	●	○	○

F. Which energy source can be converted into gasoline?

Coal	Plutonium	Uranium	Solar Energy	None of these	I don't know.
●	○	○	○	○	○

8-A12C01-818-4

NAEP #:	8-A12C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Themes:	Multiple classification - See explanation below

Exercise Part	Themes
Part A	Citizenry Issues
Parts B-F	Energy Basic Facts

Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-18

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A12C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.0	0.2	0.1	0.3	0.1	0.1
SE OF P-VALUE	0.1	0.0	0.1	0.1	0.2	0.0	0.1
RESPONSE: 01							
P-VALUE	1.3	0.9	1.6	0.8	2.7	0.3	1.9
SE OF P-VALUE	0.6	0.7	0.9	0.5	1.6	0.2	0.9
RESPONSE: 02*							
P-VALUE	43.4	50.4*	37.3*	48.9*	16.7*	43.7	43.2
SE OF P-VALUE	2.2	2.9	2.5	2.4	2.7	4.3	2.7
RESPONSE: 03							
P-VALUE	1.0	0.9	1.1	0.6	3.0	0.6	1.2
SE OF P-VALUE	0.3	0.4	0.3	0.3	1.3	0.3	0.4
RESPONSE: 04							
P-VALUE	31.2	33.8	28.9	30.8	30.7	35.0	28.9
SE OF P-VALUE	1.7	2.9	1.6	2.0	4.5	3.1	1.9
RESPONSE: 05							
P-VALUE	7.2	5.5	8.6	5.7*	15.3*	6.0	7.8
SE OF P-VALUE	0.9	1.4	1.4	0.8	1.4	0.9	1.3
RESPONSE: 09#							
P-VALUE	15.8	8,4*	22.3*	13.2*	31.3*	14.2	16.7
SE OF P-VALUE	1.3	1.2	2.1	1.3	3.1	2.4	1.5
EXERCISE: 8-A12C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.3	0.4	0.2	0.2	1.0	0.6	0.1
SE OF P-VALUE	0.1	0.2	0.1	0.1	0.7	0.3	0.1
RESPONSE: 01							
P-VALUE	9.0	10.8*	7.5*	8.0	16.3*	6.5*	10.6*
SE OF P-VALUE	0.9	1.4	1.0	1.0	1.9	1.1	1.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A12C01-818-4 PART B (A002/002)							
RESPONSE: 02							
P-VALUE	3.5	4.4	2.7	3.7	1.8	3.7	3.4
SE OF P-VALUE	0.6	1.0	0.6	0.7	0.8	1.1	0.6
RESPONSE: 03							
P-VALUE	6.2	4.0*	8.0*	4.9	10.8*	4.1	7.4
SE OF P-VALUE	1.1	1.1	1.4	0.8	2.2	0.8	1.6
RESPONSE: 04							
P-VALUE	2.6	4.7*	0.8*	2.4	3.9	3.5	2.1
SE OF P-VALUE	0.4	0.9	0.3	0.5	1.6	0.9	0.6
RESPONSE: 05*							
P-VALUE	66.9	68.1	65.8	71.5*	42.6*	72.3*	63.6*
SE OF P-VALUE	2.1	2.8	2.2	1.7	5.7	2.0	3.0
RESPONSE: 09#							
P-VALUE	11.5	7.5*	15.0*	9.3*	23.6*	9.2	12.8
SE OF P-VALUE	1.1	1.4	1.9	1.2	4.3	1.6	1.7
EXERCISE: 8-A12C01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.3	0.4	0.3	0.2	1.2	0.4	0.2
SE OF P-VALUE	0.2	0.3	0.2	0.1	0.6	0.2	0.2
RESPONSE: 01							
P-VALUE	3.2	1.8*	4.5*	2.2*	9.3*	1.7*	4.2*
SE OF P-VALUE	0.7	0.7	1.1	0.6	1.9	0.4	1.1
RESPONSE: 02							
P-VALUE	1.1	1.4	0.9	0.8	3.0*	0.9	1.3
SE OF P-VALUE	0.3	0.5	0.4	0.3	1.0	0.4	0.3
RESPONSE: 03*							
P-VALUE	79.3	86.3*	73.1*	85.0*	44.1*	85.1*	75.8*
SE OF P-VALUE	2.0	2.2	2.5	1.5	6.5	1.5	3.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A12C01-818-4 PART C (A003/003)							
RESPONSE: 04							
P-VALUE	1.3	0.5*	2.0*	1.2	2.6	0.8	1.6
SE OF P-VALUE	0.3	0.3	0.5	0.3	1.0	0.4	0.4
RESPONSE: 05							
P-VALUE	0.6	0.7	0.5	0.3	2.7*	0.7	0.5
SE OF P-VALUE	0.2	0.4	0.2	0.1	0.7	0.2	0.3
RESPONSE: 09#							
P-VALUE	14.1	9.0*	18.6*	10.3*	37.0*	10.3	16.4
SE OF P-VALUE	1.5	1.4	2.1	1.4	5.3	1.6	2.4
EXERCISE: 8-A12C01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.4	0.5	0.3	0.3	1.2	0.5	0.3
SE OF P-VALUE	0.2	0.3	0.2	0.1	0.8	0.3	0.2
RESPONSE: 01							
P-VALUE	11.2	7.3*	14.5*	9.4*	17.8*	9.4	12.2
SE OF P-VALUE	1.4	1.9	1.6	1.3	3.2	1.9	2.0
RESPONSE: 02							
P-VALUE	1.2	1.4	1.0	0.9	3.8	0.8	1.5
SE OF P-VALUE	0.4	0.7	0.4	0.2	1.9	0.4	0.5
RESPONSE: 03*							
P-VALUE	70.5	80.9*	61.3*	76.0*	43.3*	74.1	68.3
SE OF P-VALUE	2.2	2.6	2.7	1.7	6.7	2.2	3.3
RESPONSE: 04							
P-VALUE	1.7	1.9	1.5	1.5	2.7	2.3	1.3
SE OF P-VALUE	0.4	0.6	0.5	0.4	1.3	0.8	0.3
RESPONSE: 05							
P-VALUE	1.7	1.2	2.2	0.9*	4.7*	1.5	1.8
SE OF P-VALUE	0.4	0.5	0.7	0.4	1.0	0.6	0.6

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A12C01-818-4 PART D (A004/004)							
RESPONSE: 09#							
P-VALUE	13.4	6.7*	19.2*	11.0*	26.4*	11.5	14.5
SE OF P-VALUE	1.1	0.9	1.8	1.0	3.4	1.4	1.7
EXERCISE: 8-A12C01-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.4	0.6	0.2	0.3	1.1	0.6	0.2
SE OF P-VALUE	0.2	0.4	0.1	0.2	0.7	0.3	0.2
RESPONSE: 01							
P-VALUE	2.0	1.9	2.2	1.5	4.2	2.1	2.0
SE OF P-VALUE	0.6	1.0	0.8	0.6	1.2	1.1	0.7
RESPONSE: 02*							
P-VALUE	26.9	39.8*	15.6*	30.2*	9.5*	28.2	26.2
SE OF P-VALUE	1.6	2.4	1.6	1.8	1.4	3.1	1.9
RESPONSE: 03							
P-VALUE	1.9	3.2	0.7	1.1	6.0	2.0	1.8
SE OF P-VALUE	0.6	1.3	0.3	0.5	2.7	0.8	0.9
RESPONSE: 04*							
P-VALUE	5.7	7.8*	3.9*	6.3*	4.4	5.8	5.7
SE OF P-VALUE	0.7	1.3	0.9	0.7	1.8	1.2	0.8
RESPONSE: 05							
P-VALUE	5.9	6.4	5.4	5.5	7.0	5.4	6.2
SE OF P-VALUE	0.9	1.2	1.0	1.0	2.4	1.2	1.3
RESPONSE: 09#							
P-VALUE	57.1	40.3*	71.9*	55.1*	67.8*	55.9	57.8
SE OF P-VALUE	1.4	2.2	2.0	1.7	3.4	2.9	1.7

EXERCISE: 8-A12C01-818-4 PART F (A006/006)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 00							
P-VALUE	0.4	0.6	0.2	0.3	0.9	0.6	0.2
SE OF P-VALUE	0.2	0.4	0.1	0.2	0.7	0.3	0.2
RESPONSE: 01*							
P-VALUE	16.2	21.3*	11.6*	16.3	14.3	16.4	16.0
SE OF P-VALUE	1.5	2.0	1.5	1.8	1.9	2.6	2.0
RESPONSE: 02							
P-VALUE	5.2	4.4	5.9	3.9*	7.8	3.5	6.2*
SE OF P-VALUE	0.7	1.0	1.0	0.8	1.4	1.0	0.9
RESPONSE: 03							
P-VALUE	1.3	1.7	0.9	0.9	4.2*	0.5	1.8
SE OF P-VALUE	0.5	1.0	0.3	0.5	1.6	0.3	0.8
RESPONSE: 04							
P-VALUE	0.2	0.2	0.3	0.1	1.2	0.3	0.2
SE OF P-VALUE	0.1	0.2	0.2	0.1	0.8	0.2	0.2
RESPONSE: 05							
P-VALUE	56.8	62.7*	51.7*	60.1*	39.6*	62.2	53.6
SE OF P-VALUE	1.9	2.4	2.3	2.1	4.4	3.2	2.8
RESPONSE: 09#							
P-VALUE	19.9	9.1*	29.4*	18.3*	32.0*	16.5	21.9*
SE OF P-VALUE	1.2	1.4	1.8	1.3	3.2	1.7	1.9

Which nuclear process matches each characteristic listed below?

A. Used now as a means of generating power for useful purposes

Only Fusion	Only Fission	Both	Neither	I don't know.
○	●	○	○	○

B. Can create radioactive waste by-products

Only Fusion	Only Fission	Both	Neither	I don't know.
○	○	●	○	○

C. Created by splitting atomic nuclei

Only Fusion	Only Fission	Both	Neither	I don't know.
○	●	○	○	○

8-A12C02-818-4

NAEP #:	8-A12C02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-19

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A12C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.2	0.1	0.3	0.1*	0.8	0.2	0.2
SE OF P-VALUE	0.1	0.1	0.1	0.1	0.3	0.1	0.1
RESPONSE: 01							
P-VALUE	9.2	12.4*	6.3*	8.5	8.7	7.2*	10.3*
SE OF P-VALUE	0.7	1.0	1.1	0.8	2.0	1.0	1.0
RESPONSE: 02*							
P-VALUE	15.7	25.1*	7.4*	18.0*	3.3*	18.7	13.9
SE OF P-VALUE	1.2	1.9	1.2	1.3	0.5	1.9	1.6
RESPONSE: 03							
P-VALUE	10.5	13.9*	7.4*	10.5	13.8*	11.6	9.8
SE OF P-VALUE	1.0	1.8	0.9	1.1	2.0	1.9	1.2
RESPONSE: 04							
P-VALUE	2.2	2.9	1.5	1.6	6.8*	1.9	2.3
SE OF P-VALUE	0.5	0.8	0.5	0.4	1.8	0.7	0.6
RESPONSE: 09#							
P-VALUE	62.3	45.5*	77.1*	61.3	66.5	60.4	63.4
SE OF P-VALUE	1.6	2.0	1.8	1.9	2.4	2.7	2.0
EXERCISE: 8-A12C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.3	0.3	0.3	0.2	0.9	0.4	0.2
SE OF P-VALUE	0.2	0.2	0.2	0.2	0.5	0.3	0.1
RESPONSE: 01							
P-VALUE	8.0	12.2*	4.2*	8.4	6.3	7.5	8.3
SE OF P-VALUE	1.1	1.9	0.9	1.3	2.6	1.6	1.5
RESPONSE: 02							
P-VALUE	12.1	17.2*	7.7*	12.5	9.3	13.6	11.2
SE OF P-VALUE	1.4	2.1	1.6	1.5	2.1	2.5	1.5

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A12C02-818-4 PART B (A002/002)							
RESPONSE: 03*							
P-VALUE	14.9	24.0*	6.8*	16.6*	7.4*	16.2	14.0
SE OF P-VALUE	1.3	2.0	1.1	1.5	1.5	2.0	1.5
RESPONSE: 04							
P-VALUE	2.8	3.4	2.4	1.7	10.4*	1.7	3.5
SE OF P-VALUE	0.8	1.2	0.7	0.4	3.8	0.5	1.3
RESPONSE: 09#							
P-VALUE	61.9	42.9*	78.6*	60.6*	65.6	60.6	62.6
SE OF P-VALUE	1.5	1.9	2.0	1.6	2.4	2.5	1.8
EXERCISE: 8-A12C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.3	0.0	0.5	0.2	0.9	0.1	0.4
SE OF P-VALUE	0.1	0.0	0.2	0.1	0.5	0.0	0.2
RESPONSE: 01							
P-VALUE	9.5	13.8*	5.8*	9.4	7.0	9.6	9.5
SE OF P-VALUE	0.9	1.5	1.1	1.1	2.4	1.4	1.3
RESPONSE: 02*							
P-VALUE	28.9	39.7*	19.4*	32.1*	17.2*	31.5	27.3
SE OF P-VALUE	1.6	2.5	1.6	2.0	2.3	3.3	1.7
RESPONSE: 03							
P-VALUE	6.1	8.4*	4.1*	6.0	7.8	7.0	5.5
SE OF P-VALUE	0.7	1.3	0.8	0.8	1.5	1.1	0.9
RESPONSE: 04							
P-VALUE	1.9	1.9	1.9	1.1*	6.7*	0.9	2.5
SE OF P-VALUE	0.5	0.7	0.6	0.5	1.2	0.4	0.7
RESPONSE: 09#							
P-VALUE	53.3	36.2*	68.4*	51.2*	60.3*	50.9	54.8
SE OF P-VALUE	2.0	2.6	2.2	2.2	1.8	3.4	2.3

A. Which one of the following sources now provides the largest percentage of energy used in the United States?

● Crude oil
○ Coal
○ Natural gas
○ Water (hydroelectric) power
○ Nuclear energy

○ I don't know.

B. The largest fossil fuel energy reserves in the United States are reserves of which one of the following?

○ Natural gas
○ Crude oil
● Coal
○ Tar sands

○ I don't know.

8 A12C03 818 4

NAEP #: 8-A12C03-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Themes: Multiple classification - See explanation below

Exercise Part	Themes
Part A	Citizenry Issues
Part B	Basic Energy Facts

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-20

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A12C03-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.4	0.1	1.6	0.4	0.3
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.2	0.2
RESPONSE: 01*							
P-VALUE	45.6	54.6*	37.6*	50.3*	25.8*	52.8*	41.2*
SE OF P-VALUE	2.3	2.6	3.0	2.2	3.6	3.0	2.8
RESPONSE: 02							
P-VALUE	6.3	9.8*	3.2*	5.9	7.4	6.2	6.3
SE OF P-VALUE	0.8	1.6	0.6	0.8	2.0	1.3	0.9
RESPONSE: 03							
P-VALUE	29.1	22.9*	34.5*	26.0*	42.8*	24.5*	31.8*
SE OF P-VALUE	2.0	2.1	2.6	1.9	2.9	3.1	1.9
RESPONSE: 04							
P-VALUE	7.0	6.9	7.0	6.7	5.6	4.9	8.2
SE OF P-VALUE	1.1	1.3	1.4	0.9	1.8	1.2	1.7
RESPONSE: 05							
P-VALUE	2.5	1.2*	3.6*	2.0	3.5	3.2	2.1
SE OF P-VALUE	0.6	0.5	0.9	0.8	1.0	1.5	0.6
RESPONSE: 09#							
P-VALUE	9.3	4.4*	13.7*	9.0	13.2*	8.0	10.1
SE OF P-VALUE	0.8	0.9	1.4	1.0	1.5	1.3	1.1
EXERCISE: 8-A12C03-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.5	0.6	0.4	0.3	1.6	0.4	0.5
SE OF P-VALUE	0.2	0.3	0.3	0.2	1.2	0.2	0.3
RESPONSE: 01							
P-VALUE	11.4	8.7*	13.8*	8.9*	25.2*	9.7	12.4
SE OF P-VALUE	1.2	1.2	1.7	1.1	4.1	1.5	1.7

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A12C03-818-4 PART B (A002/002)							
RESPONSE: 02							
P-VALUE	16.4	19.7*	13.4*	15.2*	17.4	20.3*	14.0*
SE OF P-VALUE	1.5	2.5	1.4	1.6	2.1	2.1	1.8
RESPONSE: 03*							
P-VALUE	48.6	59.3*	39.2*	54.4*	22.2*	47.5	49.3
SE OF P-VALUE	1.8	2.7	2.2	1.7	3.7	2.9	2.5
RESPONSE: 04							
P-VALUE	1.2	1.5	1.0	0.7*	3.0*	1.6	1.0
SE OF P-VALUE	0.3	0.5	0.4	0.2	0.8	0.5	0.3
RESPONSE: 09#							
P-VALUE	21.9	10.2*	32.3*	20.4*	30.5*	20.6	22.8
SE OF P-VALUE	1.2	1.6	2.0	1.4	2.7	2.0	1.6

From which one of the following primary energy sources is the largest portion of our electrical energy produced?

- ○ **Falling water**
- ○ **Nuclear energy**
- ● **Coal**
- ○ **Oil**
- ○ **Natural gas**

- ○ **I don't know.**

8-A12C04-018-4

NAEP #:	**8-A12C04-018-4**
ASSESSMENT PROBE AREA:	**ENERGY**
TAXONOMY:	**COGNITIVE**
Reporting Theme:	**Basic Energy Facts**
Exercise/Scoring Type:	**Multiple Choice/Machine**
Administration Mode:	**Individual**
Age:	**Adult**
Package-Exercise:	**04-24**

EXERCISE: 8-A12C04-818-4 (A001/001)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 00							
P-VALUE	0.0	0.0	0.0	0.0*	0.3*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	30.4	31.2	29.7	31.7	18.8*	27.6	32.1
SE OF P-VALUE	1.8	2.7	1.9	2.2	3.2	1.7	2.8
RESPONSE: 02							
P-VALUE	7.9	2.7*	12.4*	6.6*	13.6*	5.9	9.0
SE OF P-VALUE	1.0	0.5	1.8	1.0	2.8	1.3	1.4
RESPONSE: 03*							
P-VALUE	13.5	19.7*	8.1*	14.8*	9.2*	13.0	13.8
SE OF P-VALUE	1.3	2.3	1.1	1.6	0.9	1.8	1.8
RESPONSE: 04							
P-VALUE	19.3	24.8*	14.4*	19.6	14.9*	23.3*	16.8*
SE OF P-VALUE	1.7	2.4	1.6	2.0	2.1	2.1	2.2
RESPONSE: 05							
P-VALUE	11.5	11.4	11.7	11.1	16.4*	12.0	11.3
SE OF P-VALUE	1.2	1.4	1.6	1.4	1.5	1.6	1.7
RESPONSE: 09#							
P-VALUE	17.3	10.1*	23.7*	16.2	26.8*	18.1	16.9
SE OF P-VALUE	1.2	1.5	1.7	1.2	4.7	2.0	1.6

Which one of the following requires the least energy to move one ton of freight per mile?

○ Truck
● Train
○ Airplane
○ Helicopter

○ I don't know.

8 A13C01 818 4

NAEP #: 8-A13C01-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-22

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A13C01-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.4	0.5	0.3	0.2	1.4	0.9*	0.1*
SE OF P-VALUE	0.2	0.3	0.1	0.2	0.7	0.4	0.1
RESPONSE: 01							
P-VALUE	27.9	29.6	26.3	27.9	30.7	25.0	29.6
SE OF P-VALUE	1.3	1.9	1.8	1.5	3.0	1.4	2.0
RESPONSE: 02*							
P-VALUE	49.5	52.7	46.7	52.2*	35.9*	51.4	48.3
SE OF P-VALUE	1.7	2.4	2.4	1.9	3.3	2.3	2.4
RESPONSE: 03							
P-VALUE	5.6	7.2	4.3	4.5*	9.3*	7.0	4.8
SE OF P-VALUE	0.8	1.3	0.8	0.8	1.3	1.6	0.8
RESPONSE: 04							
P-VALUE	3.3	1.9*	4.5*	2.1*	6.2*	2.5	3.7
SE OF P-VALUE	0.5	0.5	0.9	0.5	1.2	0.6	0.6
RESPONSE: 09#							
P-VALUE	13.3	8.1*	17.9*	13.2	16.5	13.2	13.4
SE OF P-VALUE	1.2	1.2	1.7	1.4	1.9	1.7	1.5

A. **In 1973, the United States used 6.3 billion barrels of oil. If we continue using this much oil each year, about how many years of oil supply do we still have in the United States?**

○ 10 years
● 50 years
● 150 years
○ 300 years

○ I don't know.

B. **The United States has approximately 6% of the world's people. About what percentage of the total amount of energy consumed on the earth in a year does the United States consume?**

○ 6%
○ 15%
● 30%
○ 70%

○ I don't know.

8 A13C02-010-4

NAEP #: 8-A13C02-010-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Citizenry Issues

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-23

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A13C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.0	0.0	0.0	0.0*	0.3*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	28.2	28.4	28.1	30.9*	17.0*	23.5*	31.1
SE OF P-VALUE	1.7	2.9	1.9	2.0	4.8	2.5	2.5
RESPONSE: 02*							
P-VALUE	25.3	28.6*	22.3*	24.4	24.0	28.1	23.5
SE OF P-VALUE	1.3	2.0	1.5	1.4	3.8	1.8	1.7
RESPONSE: 03*							
P-VALUE	4.4	5.6	3.3	3.5*	7.7*	6.3*	3.2*
SE OF P-VALUE	0.6	1.1	0.8	0.5	1.4	1.1	0.7
RESPONSE: 04							
P-VALUE	1.0	1.2	0.9	0.7*	3.3*	0.9	1.1
SE OF P-VALUE	0.3	0.4	0.3	0.3	0.6	0.4	0.4
RESPONSE: 09#							
P-VALUE	41.0	36.2*	45.3*	40.5	47.7	41.0	41.0
SE OF P-VALUE	1.9	2.4	2.3	2.3	4.1	3.1	2.6
EXERCISE: 8-A13C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.2	0.0	0.4	0.1	1.2	0.1	0.3
SE OF P-VALUE	0.1	0.0	0.3	0.1	0.7	0.0	0.2
RESPONSE: 01							
P-VALUE	5.0	3.7	6.2	4.0*	9.1*	3.7	5.8
SE OF P-VALUE	0.8	1.0	1.0	0.9	1.6	0.9	1.3
RESPONSE: 02							
P-VALUE	9.1	12.2*	6.3*	8.8	10.7	7.7	9.9
SE OF P-VALUE	0.9	1.6	0.9	1.0	2.0	1.3	1.2

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A13C02-818-4 PART B (A002/002)							
RESPONSE: 03*							
P-VALUE	34.2	42.8*	26.7*	35.5	30.8	38.2	31.8
SE OF P-VALUE	1.5	2.4	1.9	1.6	4.4	2.6	2.2
RESPONSE: 04							
P-VALUE	21.2	20.7	21.6	22.4	11.0*	22.1	20.7
SE OF P-VALUE	1.3	1.8	1.7	1.4	2.1	1.9	1.6
RESPONSE: 09#							
P-VALUE	30.3	20.6*	38.7*	29.1*	37.1*	28.2	31.5
SE OF P-VALUE	1.6	1.9	2.1	1.7	3.1	2.4	2.3

Which one of the following does not use a fossil fuel as a raw material?

- ● Glass
- ○ Plastic
- ○ Nylon
- ○ Ammonia fertilizer
- ○ Asphalt

- ○ I don't know.

8-A13C03-818-4

NAEP #: 8-A13C03-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Basic Energy Facts

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-25

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A13C03-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.2	0.0	0.1	0.3	0.4	0.0
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.0
RESPONSE: 01*							
P-VALUE	28.7	41.6*	17.3*	31.5*	13.5*	30.7	27.4
SE OF P-VALUE	1.9	2.4	2.0	2.0	2.7	2.7	2.5
RESPONSE: 02							
P-VALUE	6.1	4.8	7.3	6.4	3.8	4.6	7.1
SE OF P-VALUE	0.9	1.6	1.1	1.0	1.5	1.0	1.3
RESPONSE: 03							
P-VALUE	8.6	10.0	7.4	8.3	11.9	6.8	9.7
SE OF P-VALUE	1.0	1.4	1.4	1.0	2.3	1.1	1.4
RESPONSE: 04							
P-VALUE	12.2	12.6	11.9	11.7	13.6	14.2	11.0
SE OF P-VALUE	1.3	1.8	1.3	1.6	2.9	2.2	1.7
RESPONSE: 05							
P-VALUE	3.7	2.8	4.4	2.4*	9.4*	3.7	3.7
SE OF P-VALUE	0.6	0.7	1.0	0.5	2.3	0.9	0.9
RESPONSE: 09#							
P-VALUE	40.5	27.9*	51.6*	39.5	47.5*	39.6	41.1
SE OF P-VALUE	1.6	1.9	2.7	1.8	2.3	2.6	1.9

Approximately what percentage of the oil consumed by the United States is imported from foreign countries?

- ○ 1% - 10%
- ○ 10% - 30%
- ● 30% - 60%
- ○ 60% - 100%

- ○ I don't know.

8-A21C01-818-4

NAEP #:	8-A21C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-29

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A21C01-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.2	0.0	0.3	0.2	0.3	0.1	0.2
SE OF P-VALUE	0.1	0.0	0.2	0.1	0.2	0.0	0.2
RESPONSE: 01							
P-VALUE	1.7	2.6	0.9	1.5	2.6	0.6*	2.4*
SE OF P-VALUE	0.4	0.9	0.3	0.5	1.1	0.3	0.7
RESPONSE: 02							
P-VALUE	15.4	20.7*	10.7*	15.3	14.9	15.7	15.2
SE OF P-VALUE	1.3	2.4	1.0	1.6	3.2	1.8	1.8
RESPONSE: 03*							
P-VALUE	50.2	51.0	49.5	52.7*	37.8*	50.7	49.9
SE OF P-VALUE	1.6	2.4	1.7	1.9	2.4	3.0	1.9
RESPONSE: 04							
P-VALUE	10.6	10.3	10.9	10.0	13.4	12.7	9.3
SE OF P-VALUE	0.9	1.6	1.1	1.0	2.4	1.4	1.3
RESPONSE: 09#							
P-VALUE	21.9	15.3*	27.6*	20.3*	30.9*	20.2	22.9
SE OF P-VALUE	1.3	1.5	1.7	1.4	3.1	1.7	1.8

By the year 1985, about how much of our nation's energy needs will probably be provided by each of the following energy sources?

A. By the year 1985, about how much of our nation's energy needs will probably be provided by solar energy?

Less than 1/3	Between 1/3 and 2/3	More than 2/3	I don't know.
●	○	○	○

B. By the year 1985, about how much of our nation's energy needs will probably be provided by tides?

Less than 1/3	Between 1/3 and 2/3	More than 2/3	I don't know.
●	○	○	○

C. By the year 1985, about how much of our nation's energy needs will probably be provided by geothermal energy?

Less than 1/3	Between 1/3 and 2/3	More than 2/3	I don't know.
●	○	○	○

D. By the year 1985, about how much of our nation's energy needs will probably be provided by Alaskan oil?

Less than 1/3	Between 1/3 and 2/3	More than 2/3	I don't know.
●	○	○	○

E. By the year 1985, about how much of our nation's energy needs will probably be provided by wind?

Less than 1/3	Between 1/3 and 2/3	More than 2/3	I don't know.
●	○	○	○

8-A21C02-818-4

NAEP #:	8-A21C02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-31

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP

EXERCISE: 8-A21C02-818-4 PART A (A001/001)

	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 00							
P-VALUE	0.1	0.0	0.2	0.1	0.4	0.1	0.1
SE OF P-VALUE	0.1	0.0	0.2	0.1	0.2	0.0	0.1
RESPONSE: 01*							
P-VALUE	38.8	54.8*	24.6*	44.1*	14.7*	43.8*	35.7*
SE OF P-VALUE	1.8	2.6	2.1	2.0	2.5	3.1	2.2
RESPONSE: 02							
P-VALUE	31.9	25.0*	37.9*	31.9	29.0	30.1	32.9
SE OF P-VALUE	1.5	2.4	1.9	1.8	3.6	2.7	1.9
RESPONSE: 03							
P-VALUE	10.5	6.1*	14.4*	7.6*	21.5*	9.5	11.2
SE OF P-VALUE	1.0	1.5	1.4	0.9	3.3	1.5	1.5
RESPONSE: 09#							
P-VALUE	18.7	14.0*	22.8*	16.4*	34.3*	16.4	20.0
SE OF P-VALUE	1.2	1.6	1.7	1.3	3.1	1.7	1.7

EXERCISE: 8-A21C02-818-4 PART B (A002/002)

	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 00							
P-VALUE	0.7	0.2	1.1	0.3	1.2	0.3	0.9
SE OF P-VALUE	0.3	0.2	0.6	0.2	0.4	0.2	0.5
RESPONSE: 01*							
P-VALUE	43.2	55.9*	32.1*	47.9*	20.8*	46.9	41.0
SE OF P-VALUE	2.0	2.6	2.3	2.4	2.3	2.7	2.7
RESPONSE: 02							
P-VALUE	8.2	6.0	10.1	6.0*	16.3*	6.1	9.4
SE OF P-VALUE	1.2	1.7	1.5	0.8	4.0	1.3	1.5
RESPONSE: 03							
P-VALUE	3.0	2.6	3.3	1.9*	7.7*	2.9	3.0
SE OF P-VALUE	0.6	0.6	0.8	0.5	1.7	1.2	0.6

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A21C02-818-4 PART B (A002/002)							
RESPONSE: 09#							
P-VALUE	44.9	35.3*	53.4*	43.9	54.0*	43.8	45.6
SE OF P-VALUE	1.8	2.4	2.5	2.1	3.5	3.0	2.3
EXERCISE: 8-A21C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.3	0.4	0.2	0.3	0.3	0.6	0.1
SE OF P-VALUE	0.1	0.3	0.2	0.2	0.2	0.3	0.1
RESPONSE: 01*							
P-VALUE	32.0	47.3*	18.5*	35.3*	14.3*	32.7	31.5
SE OF P-VALUE	1.7	2.7	1.8	1.9	2.2	2.9	2.0
RESPONSE: 02							
P-VALUE	13.0	12.9	13.0	11.8	19.0*	11.8	13.7
SE OF P-VALUE	1.0	1.5	1.1	1.0	3.1	1.2	1.5
RESPONSE: 03							
P-VALUE	3.8	3.3	4.3	2.4*	10.8*	3.6	4.0
SE OF P-VALUE	0.6	0.9	1.0	0.6	1.9	0.8	0.9
RESPONSE: 09#							
P-VALUE	50.9	36.0*	64.0*	50.2	55.5	51.3	50.6
SE OF P-VALUE	1.7	2.6	1.7	1.8	3.4	2.1	2.2
EXERCISE: 8-A21C02-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.6	0.7	0.4	0.5	1.2	0.6	0.5
SE OF P-VALUE	0.3	0.4	0.2	0.3	0.7	0.3	0.4
RESPONSE: 01*							
P-VALUE	34.2	49.1*	21.2*	38.1*	13.0*	34.2	34.3
SE OF P-VALUE	1.3	2.2	2.2	1.7	2.9	1.8	1.7

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A21C02-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	32.1	28.2*	35.5*	33.2	27.5	34.6	30.6
SE OF P-VALUE	1.4	2.0	2.3	1.6	3.9	2.0	1.8
RESPONSE: 03							
P-VALUE	13.9	9.8*	17.4*	11.1*	25.3*	12.3	14.8
SE OF P-VALUE	1.3	1.5	2.0	1.0	3.4	1.1	1.9
RESPONSE: 09#							
P-VALUE	19.2	12.1*	25.4*	17.1*	33.1*	18.4	19.7
SE OF P-VALUE	1.3	1.6	1.8	1.4	3.0	1.5	1.9
EXERCISE: 8-A21C02-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.3	0.4	0.2	0.3	0.4	0.6	0.1
SE OF P-VALUE	0.1	0.3	0.2	0.2	0.2	0.3	0.1
RESPONSE: 01*							
P-VALUE	53.5	64.4*	43.8*	58.6*	24.8*	56.2	51.8
SE OF P-VALUE	1.5	2.1	2.0	1.9	3.0	2.1	2.1
RESPONSE: 02							
P-VALUE	9.6	9.1	10.0	8.1*	19.1*	7.9	10.6
SE OF P-VALUE	0.8	1.5	1.0	0.9	2.4	0.9	1.1
RESPONSE: 03							
P-VALUE	2.9	2.2	3.6	1.7*	6.2*	2.1	3.4
SE OF P-VALUE	0.5	0.7	0.9	0.3	1.7	0.6	0.8
RESPONSE: 09#							
P-VALUE	33.7	23.9*	42.3*	31.3*	49.4*	33.2	34.0
SE OF P-VALUE	1.6	2.1	2.1	1.8	2.3	2.4	2.1

How much time is required to get each of the following into production? Fill in one oval in each box.

A. An underground coal mine

About 6 months	About 1 year	About 5 years	About 10 years	About 20 years	I don't know.
○	○	●	○	○	○

B. An oil refinery

About 6 months	About 1 year	About 5 years	About 10 years	About 20 years	I don't know.
○	○	●	○	○	○

C. An oil field

About 6 months	About 1 year	About 5 years	About 10 years	About 20 years	I don't know.
○	○	●	○	○	○

D. A nuclear power plant

About 6 months	About 1 year	About 5 years	About 10 years	About 20 years	I don't know.
○	○	○	●	○	○

E. A coal fired power plant

About 6 months	About 1 year	About 5 years	About 10 years	About 20 years	I don't know.
○	○	●	●	○	○

8-A21C03-818-4

NAEP #:	8-A21C03-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-36

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A21C03-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.2	0.4	0.0	0.2	0.3	0.4	0.1
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.1
RESPONSE: 01							
P-VALUE	12.9	16.5*	9.7*	13.3	6.5*	13.4	12.6
SE OF P-VALUE	1.4	2.2	1.6	1.5	2.3	2.1	1.6
RESPONSE: 02							
P-VALUE	20.2	26.2*	14.9*	21.4*	14.1*	21.1	19.7
SE OF P-VALUE	1.5	2.7	1.4	1.7	2.1	2.6	2.0
RESPONSE: 03*							
P-VALUE	14.3	13.0	15.4	14.3	13.1	12.1	15.6
SE OF P-VALUE	0.9	1.8	1.0	1.1	2.0	1.9	1.0
RESPONSE: 04							
P-VALUE	3.0	2.5	3.5	2.2	6.2	2.5	3.3
SE OF P-VALUE	0.6	0.9	0.7	0.5	1.8	1.1	0.7
RESPONSE: 05							
P-VALUE	1.2	0.7	1.7	0.5*	5.5*	1.3	1.2
SE OF P-VALUE	0.4	0.3	0.6	0.3	1.8	0.5	0.5
RESPONSE: 09#							
P-VALUE	48.1	40.6*	54.7*	48.0	54.3	49.3	47.4
SE OF P-VALUE	1.8	2.6	2.0	2.0	3.0	2.4	2.5
EXERCISE: 8-A21C03-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.2	0.4	0.1	0.2	0.4	0.4	0.1
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.1
RESPONSE: 01							
P-VALUE	4.7	4.6	4.9	4.0	5.6	5.7	4.2
SE OF P-VALUE	0.9	1.2	0.9	0.9	1.4	1.3	1.0

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A21C03-818-4 PART B (A002/002)							
RESPONSE: 02							
P-VALUE	20.4	23.1*	18.0*	20.4	15.6	24.0	18.2
SE OF P-VALUE	1.6	1.9	2.0	1.9	2.8	2.8	1.9
RESPONSE: 03*							
P-VALUE	27.5	36.7*	19.5*	29.0	21.2	27.6	27.5
SE OF P-VALUE	1.6	2.1	1.7	1.8	3.6	2.7	2.0
RESPONSE: 04							
P-VALUE	5.2	4.3	5.9	4.0	11.9*	3.1	6.4
SE OF P-VALUE	1.0	1.1	1.2	0.9	3.1	0.8	1.5
RESPONSE: 05							
P-VALUE	1.0	0.6	1.3	0.6	3.8*	1.0	1.0
SE OF P-VALUE	0.3	0.3	0.5	0.3	1.5	0.4	0.4
RESPONSE: 09#							
P-VALUE	41.0	30.3*	50.4*	41.8	41.5	38.3	42.6
SE OF P-VALUE	1.7	2.2	2.2	1.8	3.4	2.1	2.5
EXERCISE: 8-A21C03-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.2	0.4	0.0	0.2	0.5	0.4	0.1
SE OF P-VALUE	0.1	0.3	0.0	0.1	0.3	0.2	0.1
RESPONSE: 01							
P-VALUE	16.9	17.7	16.2	18.2*	9.6*	16.5	17.2
SE OF P-VALUE	1.3	2.0	1.5	1.4	1.9	2.0	1.8
RESPONSE: 02							
P-VALUE	22.6	27.5*	18.3*	23.1	17.4*	21.8	23.1
SE OF P-VALUE	1.7	2.7	2.3	1.8	1.9	3.1	2.2
RESPONSE: 03*							
P-VALUE	14.7	19.3*	10.6*	13.6	17.0	15.2	14.3
SE OF P-VALUE	1.3	2.1	1.3	1.3	2.8	2.6	1.3

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A21C03-818-4 PART C (A003/003)							
RESPONSE: 04							
P-VALUE	4.2	4.5	3.9	4.0	7.1	4.8	3.8
SE OF P-VALUE	0.6	1.0	0.8	0.8	1.5	1.2	0.7
RESPONSE: 05							
P-VALUE	1.5	1.5	1.4	0.7*	6.7*	1.6	1.4
SE OF P-VALUE	0.4	0.6	0.5	0.3	2.4	0.5	0.6
RESPONSE: 09#							
P-VALUE	39.9	29.1*	49.4*	40.2	41.6	39.7	40.0
SE OF P-VALUE	1.8	2.5	2.4	2.0	3.6	2.3	2.5
EXERCISE: 8-A21C03-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.2	0.4	0.0	0.2	0.3	0.4	0.1
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.1
RESPONSE: 01							
P-VALUE	1.8	1.4	2.2	1.4	3.4	1.6	2.0
SE OF P-VALUE	0.5	0.5	0.8	0.5	1.5	0.5	0.7
RESPONSE: 02							
P-VALUE	7.5	6.3	8.6	6.4*	9.8	8.5	6.9
SE OF P-VALUE	0.8	1.2	1.3	0.9	2.2	1.6	0.8
RESPONSE: 03							
P-VALUE	30.6	39.9*	22.4*	32.8*	16.3*	32.6	29.4
SE OF P-VALUE	1.7	2.6	1.9	2.0	2.3	2.7	2.2
RESPONSE: 04*							
P-VALUE	17.2	20.9*	14.0*	18.0	11.1*	14.9	18.6
SE OF P-VALUE	1.6	2.3	1.4	1.6	3.0	2.3	2.1
RESPONSE: 05							
P-VALUE	3.7	2.9	4.4	2.8	10.3*	3.3	3.9
SE OF P-VALUE	0.8	1.0	1.0	0.8	2.3	0.9	1.1

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	NC&SP
EXERCISE: 8-A21C03-818-4 PART D (A004/004)							
RESPONSE: 09#							
P-VALUE	38.9	28.2*	48.4*	38.3	48.7*	38.8	39.0
SE OF P-VALUE	1.8	2.3	2.1	2.1	3.3	1.8	2.7
EXERCISE: 8-A21C03-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.2	0.4	0.0	0.2	0.3	0.4	0.1
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.1
RESPONSE: 01							
P-VALUE	3.8	3.6	4.1	3.9	4.2	4.5	3.4
SE OF P-VALUE	0.6	0.9	0.8	0.7	1.5	0.9	0.8
RESPONSE: 02							
P-VALUE	21.7	25.4*	18.5*	22.1	15.9*	22.8	21.0
SE OF P-VALUE	1.3	2.4	1.3	1.6	1.8	2.0	1.9
RESPONSE: 03*							
P-VALUE	22.0	31.0*	14.2*	23.6*	12.5*	21.8	22.2
SE OF P-VALUE	1.8	2.7	1.6	2.0	2.4	2.1	2.5
RESPONSE: 04*							
P-VALUE	3.4	3.8	3.1	2.6*	7.5*	1.9	4.3
SE OF P-VALUE	0.7	0.9	0.7	0.7	1.8	0.8	0.9
RESPONSE: 05							
P-VALUE	1.3	1.1	1.5	0.6	5.3*	1.0	1.5
SE OF P-VALUE	0.5	0.5	0.6	0.3	2.2	0.4	0.6
RESPONSE: 09#							
P-VALUE	47.5	34.8*	58.7*	46.9	54.2*	47.6	47.4
SE OF P-VALUE	1.6	2.4	1.9	2.1	2.9	1.9	2.3

Which one of the following now uses the largest share of the United States' energy supply?

- ○ **Homes**
- ○ **Transportation**
- ○ **Commercial buildings (offices, schools, stores, etc.)**
- ● **Industry**

- ○ **I don't know.**

8 A22C01 818 4

NAEP #:	**8-A22C01-818-4**
ASSESSMENT PROBE AREA:	**ENERGY**
TAXONOMY:	**COGNITIVE**
Reporting Theme:	Basic Energy Facts
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-28

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A22C01-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.0	0.2	0.1	0.3	0.1	0.1
SE OF P-VALUE	0.1	0.0	0.1	0.1	0.2	0.0	0.1
RESPONSE: 01							
P-VALUE	19.2	24.2*	14.7*	19.9	14.8	21.2	18.0
SE OF P-VALUE	1.5	2.5	1.6	1.9	2.8	2.7	1.8
RESPONSE: 02							
P-VALUE	13.5	18.1*	9.6*	13.3	12.3	16.2*	12.0*
SE OF P-VALUE	0.9	1.9	1.1	1.0	1.7	1.6	1.1
RESPONSE: 03							
P-VALUE	9.1	6.2*	11.6*	7.9*	15.8*	7.4	10.1
SE OF P-VALUE	0.9	1.2	1.3	1.0	2.4	1.1	1.2
RESPONSE: 04*							
P-VALUE	51.7	45.8*	56.8*	51.9	52.3	47.4	54.3*
SE OF P-VALUE	1.7	2.8	1.7	2.1	4.2	2.7	2.2
RESPONSE: 09#							
P-VALUE	6.4	5.6	7.1	6.9	4.4	7.7	5.6
SE OF P-VALUE	0.9	1.2	1.1	1.1	0.9	1.6	1.1

How did growth in the use of the following forms of energy compare with population growth in the United States between 1960 and 1970? Fill in one oval in each box.

A. Between 1960 and 1970, growth in the use of electrical energy was

greater than population growth.	less than population growth.	about the same as population growth.	I don't know.
●	○	○	○

B. Between 1960 and 1970, growth in the use of coal was

greater than population growth.	less than population growth.	about the same as population growth.	I don't know.
●	○	○	○

C. Between 1960 and 1970, growth in the use of oil was

greater than population growth.	less than population growth.	about the same as population growth.	I don't know.
●	○	○	○

D. Between 1960 and 1970, growth in the use of natural gas was

greater than population growth.	less than population growth.	about the same as population growth.	I don't know.
●	○	○	○

8-A22C02-818-4

NAEP #: 8-A22C02-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Citizenry Issues

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-30

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A22C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.0	0.0*	0.5	0.2*	0.0*
SE OF P-VALUE	0.0	0.1	0.0	0.0	0.2	0.1	0.0
RESPONSE: 01*							
P-VALUE	56.5	60.4*	53.2*	60.7*	38.0*	57.9	55.7
SE OF P-VALUE	1.5	2.4	2.1	2.0	1.9	2.6	2.1
RESPONSE: 02							
P-VALUE	9.3	10.3	8.5	8.1*	15.2*	9.1	9.5
SE OF P-VALUE	1.0	1.7	1.2	1.2	1.6	2.2	1.1
RESPONSE: 03							
P-VALUE	10.9	9.4	12.2	9.2*	15.2*	9.4	11.9
SE OF P-VALUE	0.8	1.1	1.2	1.0	1.4	1.2	1.1
RESPONSE: 09#							
P-VALUE	23.1	19.8*	26.0*	22.1	31.1*	23.5	22.9
SE OF P-VALUE	1.4	2.1	2.0	1.8	2.0	1.8	2.1
EXERCISE: 8-A22C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.2	0.2	0.2	0.2	0.3	0.3	0.1
SE OF P-VALUE	0.1	0.2	0.1	0.1	0.2	0.2	0.1
RESPONSE: 01*							
P-VALUE	12.1	11.6	12.5	10.4*	21.5*	11.6	12.4
SE OF P-VALUE	1.3	1.7	1.7	1.3	3.2	1.5	1.8
RESPONSE: 02							
P-VALUE	53.8	61.0*	47.4*	56.3*	39.7*	57.0	51.8
SE OF P-VALUE	1.8	2.8	2.2	2.0	3.2	3.3	2.4
RESPONSE: 03							
P-VALUE	10.7	10.4	11.0	10.6	10.3	9.8	11.3
SE OF P-VALUE	0.9	1.5	1.1	1.1	1.3	1.7	1.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A22C02-818-4 PART B (A002/002)							
RESPONSE: 09#							
P-VALUE	23.2	16.8*	28.9*	22.5	28.1	21.3	24.4
SE OF P-VALUE	1.2	1.5	1.8	1.6	2.3	1.9	1.7
EXERCISE: 8-A22C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.2	0.2	0.2	0.1*	1.0	0.3	0.1
SE OF P-VALUE	0.1	0.2	0.1	0.1	0.5	0.2	0.1
RESPONSE: 01*							
P-VALUE	65.5	74.8*	57.3*	68.8*	48.0*	66.6	64.8
SE OF P-VALUE	1.4	2.3	1.8	1.6	2.5	2.5	1.9
RESPONSE: 02							
P-VALUE	5.6	5.5	5.7	4.4*	13.1*	6.3	5.2
SE OF P-VALUE	1.0	1.4	0.9	1.1	1.8	1.9	1.0
RESPONSE: 03							
P-VALUE	10.3	7.9*	12.4*	8.4*	15.2*	9.3	10.9
SE OF P-VALUE	1.1	1.4	1.4	1.1	2.4	1.5	1.5
RESPONSE: 09#							
P-VALUE	18.4	11.5*	24.5*	18.2	22.7	17.5	19.0
SE OF P-VALUE	1.2	1.4	1.8	1.5	2.3	1.8	1.7
EXERCISE: 8-A22C02-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.1	0.2	0.0	0.1	0.3	0.3	0.0
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.2	0.0
RESPONSE: 01*							
P-VALUE	58.8	62.6*	55.4*	61.7*	43.0*	57.4	59.6
SE OF P-VALUE	1.6	2.3	2.1	1.8	3.0	2.2	2.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A22C02-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	8.9	9.6	8.4	7.1*	20.1*	11.6	7.3
SE OF P-VALUE	1.1	1.7	1.1	1.1	2.2	2.2	1.2
RESPONSE: 03							
P-VALUE	12.7	13.5	12.0	12.0*	11.1	10.6*	13.9*
SE OF P-VALUE	0.9	1.4	1.2	0.9	1.7	1.1	1.1
RESPONSE: 09#							
P-VALUE	19.5	14.1*	24.2*	19.1	25.4*	20.0	19.2
SE OF P-VALUE	1.3	1.7	1.9	1.6	2.4	1.7	1.8

A. During the past 20 years, to which one of the following energy sources has the federal government allocated the greatest amount of research and development funds?

○ Coal
○ Petroleum
○ Solar
● Nuclear
○ Wind
○ Hydroelectric

○ I don't know.

B. During the past 25 years, on which one of the following forms of transportation has the federal government spent the least amount of money for improvement?

○ Air
● Rail
○ Highway

○ I don't know.

8-A23C01-818-4

NAEP #:	8-A23C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-32

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A23C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.3	0.0	0.5	0.1	0.7	0.1	0.4
SE OF P-VALUE	0.2	0.0	0.4	0.1	0.5	0.0	0.3
RESPONSE: 01							
P-VALUE	5.1	6.2	4.1	4.1*	9.5*	4.4	5.5
SE OF P-VALUE	0.6	1.3	0.7	0.8	1.6	1.0	0.8
RESPONSE: 02							
P-VALUE	14.5	14.5	14.4	14.7	13.1	13.6	15.0
SE OF P-VALUE	1.3	1.9	1.7	1.4	3.0	1.7	1.8
RESPONSE: 03							
P-VALUE	10.5	7.7*	13.0*	9.7	11.5	12.1	9.6
SE OF P-VALUE	0.9	1.3	1.3	1.0	2.0	1.5	1.2
RESPONSE: 04*							
P-VALUE	50.4	55.8*	45.6*	55.1*	29.7*	50.9	50.1
SE OF P-VALUE	1.9	2.7	2.3	2.2	2.4	2.3	2.7
RESPONSE: 05							
P-VALUE	0.2	0.3	0.1	0.2	0.0	0.3	0.1
SE OF P-VALUE	0.1	0.2	0.1	0.2	0.0	0.3	0.1
RESPONSE: 06							
P-VALUE	3.2	3.3	3.1	3.3	4.0	2.9	3.3
SE OF P-VALUE	0.6	0.9	0.7	0.7	1.4	0.9	0.8
RESPONSE: 09#							
P-VALUE	15.8	12.1*	19.1*	12.9*	31.6*	15.6	16.0
SE OF P-VALUE	1.2	1.7	1.7	1.0	4.1	1.7	1.7
EXERCISE: 8-A23C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.5	0.5	0.5	0.2	1.6	0.1	0.7
SE OF P-VALUE	0.2	0.3	0.4	0.1	1.1	0.0	0.4

EXERCISE: 8-A23C01-818-4 PART B (A002/002)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 01							
P-VALUE	9.6	8.4	10.7	7.5*	17.5*	7.1*	11.2*
SE OF P-VALUE	1.0	1.2	1.1	0.8	1.4	1.1	1.2
RESPONSE: 02*							
P-VALUE	72.2	74.9	69.9	77.7*	44.1*	75.3	70.4
SE OF P-VALUE	2.0	2.6	2.3	1.8	3.0	2.4	2.6
RESPONSE: 03							
P-VALUE	10.3	10.3	10.4	8.0*	25.0*	10.0	10.5
SE OF P-VALUE	1.2	1.5	1.2	1.2	1.7	1.7	1.4
RESPONSE: 09#							
P-VALUE	7.3	5.9	8.4	6.6	11.9	7.4	7.2
SE OF P-VALUE	0.9	1.1	1.5	0.9	2.9	1.2	1.4

For each of the following parts, select the word or letter group which best matches the description. Fill in one oval in each box.

A. A situation in which one or more nations prevent another nation from obtaining certain materials

OPEC	GNP	Embargo	NATO	I don't know.
○	○	●	○	○

B. A measure of the total output of services and products of a country

OPEC	GNP	Embargo	NATO	I don't know.
○	●	○	○	○

C. A group of countries which sells oil to other countries

OPEC	GNP	Embargo	NATO	I don't know.
●	○	○	○	○

8 A23C02 818 4

NAEP #:	8-A23C02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-33

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	NC&SP
EXERCISE: 8-A23C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.6*	0.2*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.1	0.0
RESPONSE: 01							
P-VALUE	2.1	3.0	1.3	1.2*	3.3	2.6	1.8
SE OF P-VALUE	0.4	0.7	0.5	0.4	1.7	0.9	0.4
RESPONSE: 02							
P-VALUE	1.1	1.8	0.4	0.7	3.7*	1.2	1.0
SE OF P-VALUE	0.4	0.9	0.2	0.4	1.2	0.8	0.4
RESPONSE: 03*							
P-VALUE	67.4	71.5*	63.8*	73.6*	37.4*	69.1	66.4
SE OF P-VALUE	1.8	2.8	1.8	2.1	3.4	2.9	2.7
RESPONSE: 04							
P-VALUE	6.5	6.5	6.5	5.5*	12.1*	6.3	6.6
SE OF P-VALUE	0.9	1.5	0.9	0.9	1.8	1.3	1.2
RESPONSE: 09#							
P-VALUE	22.8	17.0*	27.9*	19.0*	42.8*	20.5	24.3
SE OF P-VALUE	1.6	2.2	1.8	1.8	4.3	2.7	2.6
EXERCISE: 8-A23C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.4	0.4	0.4	0.1	1.1*	0.8	0.1
SE OF P-VALUE	0.2	0.2	0.2	0.1	0.4	0.4	0.1
RESPONSE: 01							
P-VALUE	3.9	3.8	3.9	2.5*	10.0*	2.5	4.7
SE OF P-VALUE	0.7	1.1	0.9	0.6	2.3	0.8	1.0
RESPONSE: 02*							
P-VALUE	49.3	61.3*	38.8*	55.5*	21.3*	52.3	47.5
SE OF P-VALUE	1.8	2.4	2.1	2.3	2.9	3.4	2.6

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A23C02-818-4 PART B (A002/002)							
RESPONSE: 03							
P-VALUE	6.3	5.7	6.8	5.3*	8.3	5.3	6.9
SE OF P-VALUE	0.7	1.4	1.1	0.9	1.6	1.2	0.9
RESPONSE: 04							
P-VALUE	2.3	1.3	3.2	1.9*	3.6	2.2	2.4
SE OF P-VALUE	0.4	0.6	0.7	0.5	0.8	0.6	0.5
RESPONSE: 09#							
P-VALUE	37.8	27.5*	47.0*	34.6*	55.7*	36.9	38.4
SE OF P-VALUE	1.4	1.9	2.5	1.7	2.2	2.6	2.0
EXERCISE: 8-A23C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.6*	0.2*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.1	0.0
RESPONSE: 01*							
P-VALUE	54.5	69.3*	41.4*	60.1*	27.3*	59.4	51.5
SE OF P-VALUE	1.6	2.1	2.2	2.0	3.2	3.0	2.7
RESPONSE: 02							
P-VALUE	2.2	1.7	2.6	1.8	4.8	1.6	2.5
SE OF P-VALUE	0.5	0.4	0.6	0.5	1.6	0.6	0.7
RESPONSE: 03							
P-VALUE	6.3	3.9*	8.5*	4.5*	14.4*	3.8*	7.9*
SE OF P-VALUE	0.7	0.8	1.1	0.7	3.1	0.9	1.0
RESPONSE: 04							
P-VALUE	6.0	4.4	7.4	4.8*	9.6*	5.1	6.6
SE OF P-VALUE	0.7	1.0	1.0	0.7	1.5	1.4	0.8
RESPONSE: 09#							
P-VALUE	30.9	20.5*	40.0*	28.8*	43.3*	29.8	31.6
SE OF P-VALUE	1.2	1.8	2.1	1.5	4.6	2.4	2.0

In the United States, most electricity is produced in power plants owned by

- ○ **the major oil companies.**
- ○ **the federal government.**
- ● **utility corporations.**
- ○ **cities and towns.**

- ○ **I don't know.**

8 A23C03 818 4

NAEP #: 8-A23C03-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Citizenry Issues

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-34

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A23C03-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.2	0.3	0.1	0.0	1.5	0.5	0.0
SE OF P-VALUE	0.1	0.3	0.0	0.0	1.0	0.4	0.0
RESPONSE: 01							
P-VALUE	12.1	9.5	14.3	9.3*	22.4*	12.1	12.1
SE OF P-VALUE	1.4	1.9	1.9	1.3	3.7	1.8	2.2
RESPONSE: 02							
P-VALUE	7.2	6.6	7.8	6.0*	15.4*	6.6	7.6
SE OF P-VALUE	0.8	1.0	1.4	1.0	2.8	1.6	1.0
RESPONSE: 03*							
P-VALUE	70.5	77.4*	64.5*	75.7*	45.8*	72.2	69.5
SE OF P-VALUE	1.6	1.9	2.4	2.0	3.4	2.4	2.6
RESPONSE: 04							
P-VALUE	3.4	2.7	4.0	2.7*	7.0*	2.7	3.8
SE OF P-VALUE	0.7	0.8	0.9	0.8	1.1	0.6	1.1
RESPONSE: 09#							
P-VALUE	6.5	3.4*	9.3*	6.2	7.9	5.9	6.9
SE OF P-VALUE	0.8	0.8	1.2	0.9	1.8	1.1	1.1

People with lower incomes generally spend a larger percentage of their total income on energy than people with higher incomes.

● **True**
○ **False**

○ **I don't know.**

8-A23C04-818-4

NAEP #:	8-A23C04-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-35

EXERCISE: 8-A23C04-818-4 (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 00							
P-VALUE	0.2	0.0	0.3	0.0	1.2	0.1	0.2
SE OF P-VALUE	0.1	0.0	0.2	0.0	0.7	0.0	0.2
RESPONSE: 01*							
P-VALUE	65.4	71.6*	60.0*	66.1	67.0	65.5	65.4
SE OF P-VALUE	1.2	1.8	1.8	1.5	2.3	1.5	1.7
RESPONSE: 02							
P-VALUE	28.0	22.8*	32.4*	27.2	26.7	28.5	27.6
SE OF P-VALUE	1.1	2.1	1.8	1.4	3.0	1.7	1.4
RESPONSE: 09#							
P-VALUE	6.4	5.5	7.2	6.7	5.1	5.9	6.8
SE OF P-VALUE	0.8	1.0	1.5	1.0	1.2	1.1	1.2

A. Which one of the following pollutants is produced by fossil fuels and nuclear power plants?

● Waste heat
○ Fly ash
○ Unburned hydrocarbons
○ Sulfur compounds

○ I don't know.

B. Which one of the following pollutants generally exists, to a much lesser degree, in the coal found in the western United States than in the coal found in the eastern United States?

○ Nitrogen
○ Fly ash
○ Carbon
● Sulfur

○ I don't know.

8 A24C01 818 4

NAEP #:	8-A24C01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-37

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A24C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.5	0.6	0.5	0.4	1.5	0.4	0.6
SE OF P-VALUE	0.2	0.3	0.1	0.2	1.2	0.2	0.2
RESPONSE: 01*							
P-VALUE	23.5	35.3*	13.1*	26.0*	11.8*	24.6	22.8
SE OF P-VALUE	1.5	2.0	1.7	1.8	2.3	2.9	1.6
RESPONSE: 02							
P-VALUE	3.0	4.6*	1.5*	3.1	2.5	4.0	2.3
SE OF P-VALUE	0.7	1.0	0.8	0.7	2.0	1.1	0.8
RESPONSE: 03							
P-VALUE	13.5	11.8	15.0	13.2	9.6*	11.5	14.6
SE OF P-VALUE	1.1	1.4	1.5	1.3	1.3	1.8	1.4
RESPONSE: 04							
P-VALUE	12.5	12.6	12.5	12.0	15.6*	13.0	12.2
SE OF P-VALUE	0.9	1.5	1.2	1.0	1.0	1.4	1.2
RESPONSE: 09#							
P-VALUE	47.0	35.2*	57.5*	45.2*	59.0*	46.5	47.3
SE OF P-VALUE	1.9	2.0	2.5	2.0	2.1	2.7	2.5
EXERCISE: 8-A24C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.4	0.5	0.3	0.1	2.5	0.4	0.4
SE OF P-VALUE	0.3	0.3	0.3	0.1	2.1	0.2	0.4
RESPONSE: 01							
P-VALUE	4.1	2.7	5.3	3.0*	7.3*	2.7	4.9
SE OF P-VALUE	0.8	0.6	1.3	0.6	1.3	0.6	1.1
RESPONSE: 02							
P-VALUE	4.7	5.5	4.1	4.6	5.6	5.6	4.2
SE OF P-VALUE	0.8	1.1	0.9	0.8	1.9	1.3	1.0

EXERCISE: 8-A24C01-818-4 PART B (A002/002)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 03							
P-VALUE	10.6	9.9	11.1	9.8	10.8	9.7	11.1
SE OF P-VALUE	1.0	1.5	1.5	1.0	1.8	1.6	1.4
RESPONSE: 04*							
P-VALUE	30.5	44.9*	17.9*	33.4*	16.4*	31.6	29.9
SE OF P-VALUE	1.7	2.4	2.0	1.9	2.2	2.6	2.1
RESPONSE: 09#							
P-VALUE	49.7	36.5*	61.2*	48.9	57.4*	50.0	49.5
SE OF P-VALUE	1.7	2.0	2.0	1.9	2.4	2.4	2.1

With which type of pollution is each item most commonly associated? Fill in one oval in each box.

A. An automobile

Air Pollution	Water Pollution	Heat Pollution	None of these	I don't know.
●	○	○	○	○

B. A solar collector

Air Pollution	Water Pollution	Heat Pollution	None of these	I don't know.
○	○	○	●	○

C. An oil tanker

Air Pollution	Water Pollution	Heat Pollution	None of these	I don't know.
○	●	○	○	○

8-A24C02-818-4

NAEP #:	8-A24C02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Citizenry Issues
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-38

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A24C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.3	0.1	1.5	0.4	0.2
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.2	0.2
RESPONSE: 01*							
P-VALUE	94.6	95.5	93.9	97.8*	77.7*	96.4	93.6
SE OF P-VALUE	1.3	1.4	1.6	0.5	5.5	0.9	2.1
RESPONSE: 02							
P-VALUE	0.5	0.4	0.6	0.2	2.0	0.8	0.4
SE OF P-VALUE	0.2	0.3	0.4	0.2	0.9	0.5	0.2
RESPONSE: 03							
P-VALUE	0.8	0.1	1.3	0.1	2.7*	0.3	1.0
SE OF P-VALUE	0.4	0.1	0.7	0.1	0.8	0.2	0.6
RESPONSE: 04							
P-VALUE	1.1	1.2	1.1	0.5*	4.6*	0.7	1.4
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.3	0.4	0.5
RESPONSE: 09#							
P-VALUE	2.7	2.6	2.7	1.3*	11.4*	1.6	3.4
SE OF P-VALUE	0.8	0.8	0.9	0.4	3.7	0.5	1.2
EXERCISE: 8-A24C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.3	0.1	1.5	0.4	0.2
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.2	0.2
RESPONSE: 01							
P-VALUE	4.9	3.5*	6.1*	4.2	7.1	5.7	4.3
SE OF P-VALUE	0.5	0.7	0.9	0.7	2.4	1.0	0.7
RESPONSE: 02							
P-VALUE	2.8	3.3	2.4	1.8	8.4	2.3	3.2
SE OF P-VALUE	0.8	1.1	0.8	0.5	3.5	0.7	1.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A24C02-818-4 PART B (A002/002)							
RESPONSE: 03							
P-VALUE	22.2	18.9*	25.2*	21.1	30.6*	19.3	24.0
SE OF P-VALUE	1.2	1.6	1.7	1.4	3.3	2.2	1.7
RESPONSE: 04*							
P-VALUE	45.4	56.1*	36.0*	50.9*	15.7*	50.5	42.3
SE OF P-VALUE	2.1	2.7	2.6	2.4	2.4	2.4	3.2
RESPONSE: 09#							
P-VALUE	24.3	18.0*	29.9*	21.9*	36.8*	21.8	25.9
SE OF P-VALUE	1.7	2.0	2.2	1.7	3.5	2.3	2.4
EXERCISE: 8-A24C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.3	0.1	1.5	0.4	0.2
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.2	0.2
RESPONSE: 01							
P-VALUE	11.5	4.7*	17.6*	10.6*	15.9	10.9	11.9
SE OF P-VALUE	0.7	1.0	1.3	0.8	2.2	1.4	0.8
RESPONSE: 02*							
P-VALUE	76.2	86.8*	66.8*	82.3*	41.9*	80.6	73.5
SE OF P-VALUE	2.1	2.6	2.4	1.3	5.9	2.4	3.1
RESPONSE: 03							
P-VALUE	4.5	2.1*	6.6*	2.2*	17.2*	3.1	5.3
SE OF P-VALUE	1.0	0.9	1.3	0.7	2.9	1.2	1.3
RESPONSE: 04							
P-VALUE	2.5	2.7	2.4	1.7	5.8	1.1	3.4
SE OF P-VALUE	0.8	1.0	0.8	0.6	2.2	0.4	1.2
RESPONSE: 09#							
P-VALUE	5.0	3.6*	6.3*	3.1*	17.7*	3.9	5.7
SE OF P-VALUE	0.9	1.0	1.0	0.6	3.4	0.7	1.5

In the United States, about what percentage of all the energy consumed each year is consumed in the home (for heating, cooling, lighting, appliances, etc.)?

○ 1%
○ 5%
● 20%
○ 55%
○ 90%

○ I don't know.

8 A31C01 818 4

NAEP #: 8-A31C01-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-40

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A31C01-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.0	0.1	0.0*	0.4*	0.2*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	0.6	0.4	0.7	0.5	1.2	0.6	0.6
SE OF P-VALUE	0.2	0.2	0.3	0.2	0.8	0.4	0.2
RESPONSE: 02							
P-VALUE	4.0	5.8*	2.3*	3.9	4.5	4.9	3.4
SE OF P-VALUE	0.8	1.5	0.6	0.9	1.1	1.2	1.0
RESPONSE: 03*							
P-VALUE	28.8	34.4*	23.9*	28.9	25.5	29.9	28.2
SE OF P-VALUE	1.7	2.8	1.7	1.7	3.7	1.8	2.4
RESPONSE: 04							
P-VALUE	33.0	32.2	33.7	34.0	26.2*	32.4	33.4
SE OF P-VALUE	1.6	2.2	1.9	1.8	3.6	1.8	2.4
RESPONSE: 05							
P-VALUE	7.2	4.9*	9.2*	5.6*	16.0*	6.5	7.6
SE OF P-VALUE	0.8	0.8	1.2	0.8	3.1	1.2	1.0
RESPONSE: 09#							
P-VALUE	26.3	22.1*	30.0*	27.0	26.1	25.5	26.8
SE OF P-VALUE	1.4	2.1	1.9	1.6	2.3	1.8	1.9

A number of suggestions for saving energy are listed below. Would each suggestion save a significant amount of energy (more than 1% of the total bill), save an insignificant amount (less than 1% of the total bill), or waste energy in the long run? Fill in one oval in each box.

A. In the winter, turn down the thermostat to 68° during the day and 60° at night.

Significant Savings (More than 1%)	Insignificant Savings (Less than 1%)	Wastes Energy	I don't know.
●	○	○	○

B. Turn off the air conditioner in your home when your home is unoccupied for more than two hours.

Significant Savings (More than 1%)	Insignificant Savings (Less than 1%)	Wastes Energy	I don't know.
●	○	○	○

C. Set the air conditioner at 78° instead of 72°.

Significant Savings (More than 1%)	Insignificant Savings (Less than 1%)	Wastes Energy	I don't know.
●	○	○	○

D. Use portable electric heaters for added heat in oil or gas heated homes.

Significant Savings (More than 1%)	Insignificant Savings (Less than 1%)	Wastes Energy	I don't know.
○	○	●	○

E. Set the hot water heater thermostat at 140°F instead of 150°F.

Significant Savings (More than 1%)	Insignificant Savings (Less than 1%)	Wastes Energy	I don't know.
●	○	○	○

8 A31C02 818 4

NAEP #: 8-A31C02-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-41

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A31C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.5*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01*							
P-VALUE	85.2	84.4	85.9	90.5*	62.1*	88.0	83.4
SE OF P-VALUE	1.9	2.7	1.7	1.5	7.1	1.7	3.2
RESPONSE: 02							
P-VALUE	7.6	8.3	7.0	5.5*	16.0*	5.9	8.6
SE OF P-VALUE	1.2	1.9	1.1	1.1	3.9	0.9	1.8
RESPONSE: 03							
P-VALUE	3.1	3.6	2.6	1.6*	8.0*	2.0	3.7
SE OF P-VALUE	0.7	1.2	0.6	0.4	2.9	0.7	1.1
RESPONSE: 09#							
P-VALUE	4.1	3.7	4.5	2.4*	13.4*	4.0	4.2
SE OF P-VALUE	0.5	0.7	0.8	0.6	1.6	1.0	0.7
EXERCISE: 8-A31C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.3	0.0	1.3	0.7	0.0
SE OF P-VALUE	0.1	0.2	0.2	0.0	0.8	0.4	0.0
RESPONSE: 01*							
P-VALUE	52.8	52.7	52.9	52.5	47.7	59.0*	49.1*
SE OF P-VALUE	2.2	3.3	2.3	2.3	9.0	3.0	3.2
RESPONSE: 02							
P-VALUE	24.9	24.5	25.3	25.7	24.8	24.0	25.4
SE OF P-VALUE	1.6	2.8	1.9	1.8	5.5	2.4	2.1
RESPONSE: 03							
P-VALUE	14.9	17.8*	12.4*	15.4	15.4	10.9*	17.4*
SE OF P-VALUE	1.2	2.0	1.5	1.2	4.2	1.4	1.7

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A31C02-818-4 PART B (A002/002)							
RESPONSE: 09#							
P-VALUE	7.0	4.7*	9.1*	6.4*	10.8*	5.3	8.1
SE OF P-VALUE	0.7	0.9	1.3	0.9	1.2	1.2	1.1
EXERCISE: 8-A31C02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.2	0.3	0.1	0.1	0.5	0.4	0.0
SE OF P-VALUE	0.1	0.2	0.0	0.1	0.2	0.3	0.0
RESPONSE: 01*							
P-VALUE	55.5	60.4*	51.1*	59.7*	37.1*	54.2	56.2
SE OF P-VALUE	2.6	3.2	2.7	2.8	4.2	3.9	3.4
RESPONSE: 02							
P-VALUE	15.1	13.3	16.6	12.7*	25.0*	15.4	14.9
SE OF P-VALUE	1.4	1.7	1.9	1.6	3.2	1.2	2.1
RESPONSE: 03							
P-VALUE	21.4	22.1	20.8	20.7	24.4	22.7	20.7
SE OF P-VALUE	2.3	2.9	2.4	2.3	3.2	4.6	2.3
RESPONSE: 09#							
P-VALUE	7.8	3.9*	11.3*	6.8*	13.0*	7.3	8.2
SE OF P-VALUE	0.8	0.9	1.1	0.9	1.4	1.3	0.9
EXERCISE: 8-A31C02-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.5*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	8.8	9.2	8.4	7.8	14.2*	6.3*	10.3*
SE OF P-VALUE	0.8	1.4	1.1	1.1	1.1	1.1	1.2

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A31C02-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	21.3	22.9	19.8	20.5	25.3	23.3	20.0
SE OF P-VALUE	1.3	1.9	1.6	1.3	2.4	1.8	1.8
RESPONSE: 03*							
P-VALUE	58.3	60.1	56.7	62.2*	38.0*	60.0	57.3
SE OF P-VALUE	1.5	2.5	1.5	1.6	2.8	1.7	2.3
RESPONSE: 09#							
P-VALUE	11.5	7.7*	14.9*	9.5*	22.0*	10.2	12.4
SE OF P-VALUE	1.0	1.3	1.3	1.2	2.2	1.2	1.5
EXERCISE: 8-A31C02-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.6*	0.2*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.3	0.1	0.0
RESPONSE: 01*							
P-VALUE	51.9	53.6	50.3	54.0*	41.9*	48.1	54.1
SE OF P-VALUE	1.2	2.1	2.1	1.4	4.2	2.4	2.0
RESPONSE: 02							
P-VALUE	32.1	33.9	30.5	33.2	23.8*	35.9*	29.7*
SE OF P-VALUE	1.0	2.3	1.9	1.2	3.3	1.7	1.7
RESPONSE: 03							
P-VALUE	3.0	3.4	2.7	1.6*	11.1*	2.7	3.2
SE OF P-VALUE	0.6	0.9	0.6	0.4	2.6	0.6	1.0
RESPONSE: 09#							
P-VALUE	12.9	9.0*	16.4*	11.2*	22.6*	13.1	12.8
SE OF P-VALUE	1.1	1.3	1.6	1.2	2.2	1.9	1.4

A. Which one of the following electrical appliances consumes the greatest amount of energy in fifteen minutes of continuous operation?

○ Color television
○ Vacuum cleaner
○ Dishwasher
● Electric clothes dryer
○ Washing machine

○ I don't know.

B. Which one of the following consumes the most energy in the average American home in a year?

○ Refrigerating food
● Heating water
○ Cooking food
○ Drying clothing
○ Lighting the home

○ I don't know.

8-A31C03-818-4

NAEP #: 8-A31C03-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-42

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A31C03-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.0	0.0*	0.4*	0.1*	0.0*
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.2	0.0	0.0
RESPONSE: 01							
P-VALUE	19.1	13.7*	23.8*	18.6	20.4	21.5	17.6
SE OF P-VALUE	1.3	1.4	2.1	1.5	2.2	2.2	1.7
RESPONSE: 02							
P-VALUE	3.0	2.9	3.0	2.3	6.5	2.1	3.5
SE OF P-VALUE	0.8	1.1	0.9	0.6	3.2	1.0	1.1
RESPONSE: 03							
P-VALUE	8.3	6.5*	9.9*	8.6	7.9	9.5	7.5
SE OF P-VALUE	1.0	1.4	1.1	1.1	1.1	1.7	1.1
RESPONSE: 04*							
P-VALUE	54.7	64.6*	45.9*	57.3*	37.8*	52.8	55.8
SE OF P-VALUE	1.7	2.4	2.2	1.9	4.3	2.1	2.7
RESPONSE: 05							
P-VALUE	3.3	3.3	3.3	2.3	7.9*	2.5	3.8
SE OF P-VALUE	0.8	1.1	1.0	0.7	2.6	0.7	1.2
RESPONSE: 09#							
P-VALUE	11.6	8.8*	14.0*	11.0	19.0*	11.4	11.7
SE OF P-VALUE	1.0	1.2	1.5	1.2	2.0	1.7	1.4
EXERCISE: 8-A31C03-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.0	0.0*	0.6	0.2	0.0
SE OF P-VALUE	0.0	0.1	0.0	0.0	0.4	0.1	0.0
RESPONSE: 01							
P-VALUE	16.0	16.2	15.8	15.6	15.9	24.6*	10.8*
SE OF P-VALUE	1.5	2.4	1.6	1.6	2.2	3.5	1.3

EXERCISE: 8-A31C03-818-4 PART B (A002/002)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 02*							
P-VALUE	23.2	28.1*	18.9*	25.7*	11.9*	17.2*	26.8*
SE OF P-VALUE	1.7	2.1	2.0	1.8	2.0	1.5	2.5
RESPONSE: 03							
P-VALUE	7.5	7.2	7.8	7.1	10.1	7.0	7.8
SE OF P-VALUE	0.8	1.3	1.0	0.9	1.2	1.4	0.9
RESPONSE: 04							
P-VALUE	14.2	11.7*	16.4*	14.6	14.0	14.2	14.3
SE OF P-VALUE	1.1	1.4	1.7	1.3	1.7	1.9	1.4
RESPONSE: 05							
P-VALUE	29.3	28.3	30.3	27.6*	34.4	27.4	30.5
SE OF P-VALUE	1.6	2.0	1.7	1.8	3.0	3.5	1.8
RESPONSE: 09#							
P-VALUE	9.6	8.3	10.8	9.4	13.1	9.3	9.8
SE OF P-VALUE	0.9	1.2	1.3	1.1	2.1	1.2	1.3

A. Which one of these will produce the most light for the same amount of electricity?

● 40 watt fluorescent tube
○ 40 watt regular (incandescent) bulb

○ I don't know.

B. Which one of these will produce the most light for the same amount of electricity?

○ Two 100 watt bulbs
● One 200 watt bulb

○ I don't know.

8-A31C04 818 4

NAEP #: 8-A31C04-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-33

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A31C04-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.6*	0.1	0.0*
SE OF P-VALUE	0.0	0.1	0.0	0.0	0.3	0.0	0.0
RESPONSE: 01*							
P-VALUE	71.2	80.8*	62.7*	76.1*	41.8*	73.7	69.6
SE OF P-VALUE	1.5	2.0	2.1	1.7	4.2	2.5	2.8
RESPONSE: 02							
P-VALUE	16.2	10.8*	20.9*	13.1*	34.4*	13.9	17.6
SE OF P-VALUE	1.4	1.7	1.8	1.4	4.2	2.5	2.2
RESPONSE: 09#							
P-VALUE	12.5	8.3*	16.3*	10.8*	23.2*	12.2	12.7
SE OF P-VALUE	0.9	1.2	1.2	1.1	2.2	1.9	1.2
EXERCISE: 8-A31C04-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.1	0.1	0.1	0.0*	0.7*	0.1	0.0
SE OF P-VALUE	0.0	0.1	0.0	0.0	0.3	0.0	0.1
RESPONSE: 01							
P-VALUE	45.1	44.8	45.3	46.8*	36.1*	44.9	45.2
SE OF P-VALUE	1.4	2.6	1.6	1.7	3.8	2.6	1.5
RESPONSE: 02*							
P-VALUE	40.2	43.2*	37.6*	38.5*	48.4*	38.0	41.5
SE OF P-VALUE	1.3	2.1	1.7	1.6	2.8	2.2	1.5
RESPONSE: 09#							
P-VALUE	14.6	11.9*	17.0*	14.7	14.7	16.9	13.2
SE OF P-VALUE	1.3	1.8	1.5	1.5	1.9	2.0	1.5

Which one of the following will generally save the most energy?

○ Weather stripping and caulking doors and windows

○ Turning off lights when not needed

● Installing six inches of insulation in an uninsulated attic

○ Closing fireplace dampers

○ I don't know.

8 A31C05 818 4

NAEP #: 8-A31C05-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-44

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A31C05-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.4	0.4	0.4	0.3	1.2*	0.1	0.5
SE OF P-VALUE	0.1	0.2	0.2	0.2	0.4	0.0	0.2
RESPONSE: 01							
P-VALUE	15.0	13.3	16.5	11.5*	29.7*	14.6	15.3
SE OF P-VALUE	1.5	1.8	1.7	1.6	3.8	1.5	2.2
RESPONSE: 02							
P-VALUE	11.1	9.5	12.5	8.6*	20.1*	11.8	10.7
SE OF P-VALUE	1.0	1.3	1.6	1.1	2.1	1.8	1.3
RESPONSE: 03*							
P-VALUE	65.4	70.0*	61.4*	72.6*	33.4*	65.3	65.5
SE OF P-VALUE	2.1	2.6	2.3	2.2	3.3	3.0	3.1
RESPONSE: 04							
P-VALUE	2.7	1.8	3.4	2.8	1.8	2.3	2.9
SE OF P-VALUE	0.6	0.5	0.8	0.7	0.7	0.7	0.8
RESPONSE: 09#							
P-VALUE	5.4	5.0	5.8	4.2*	13.8*	5.7	5.2
SE OF P-VALUE	0.7	0.9	1.0	0.9	2.0	1.2	1.1

Below is a list of things which automobile owners and drivers can do. Does each of the following save gasoline, waste gasoline, or have no effect on gasoline use? Fill in one oval in each box.

A. Turning off the engine when the car is stopped for only five minutes

Saves Gasoline	Wastes Gasoline	Has no Effect	I don't know.
●	○	○	○

B. Keeping the tires slightly under-inflated for better traction

Saves Gasoline	Wastes Gasoline	Has no Effect	I don't know.
○	●	○	○

C. Using radial tires

Saves Gasoline	Wastes Gasoline	Has no Effect	I don't know.
●	○	○	○

D. Accelerating very quickly to the appropriate speed

Saves Gasoline	Wastes Gasoline	Has no Effect	I don't know.
○	●	○	○

8 A32C01 018 4

NAEP #: 8-A32C01-018-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: COGNITIVE

Reporting Theme: Energy Conservation

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-45

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A32C01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.2	0.0	0.3	0.0	1.5	0.1	0.2
SE OF P-VALUE	0.1	0.0	0.3	0.0	1.2	0.0	0.2
RESPONSE: 01*							
P-VALUE	61.3	71.8*	52.1*	63.2*	51.3*	62.1	60.8
SE OF P-VALUE	1.7	1.6	2.3	1.9	2.2	3.2	1.8
RESPONSE: 02							
P-VALUE	21.6	16.2*	26.3*	21.7	24.6	19.6	22.8
SE OF P-VALUE	1.7	1.7	2.4	2.0	3.4	2.6	2.3
RESPONSE: 03							
P-VALUE	11.6	9.1*	13.8*	11.1	11.4	14.9*	9.6*
SE OF P-VALUE	1.1	1.3	1.6	1.1	3.4	2.0	1.2
RESPONSE: 09#							
P-VALUE	5.3	2.8*	7.4*	4.0*	11.1*	3.3*	6.5*
SE OF P-VALUE	0.7	0.7	1.1	0.[illegible]	1.8	1.0	1.1
EXERCISE: 8-A32C01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.3	0.3	0.3	0.1	1.6	0.4	0.2
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.2	0.2
RESPONSE: 01							
P-VALUE	14.5	10.8*	17.7*	12.2*	22.9*	12.0	15.9
SE OF P-VALUE	1.1	1.7	1.6	1.1	2.6	1.6	1.3
RESPONSE: 02*							
P-VALUE	52.0	76.5*	30.4*	57.3*	25.3*	51.4	52.3
SE OF P-VALUE	1.5	2.8	1.9	1.7	3.5	2.5	1.9
RESPONSE: 03							
P-VALUE	18.5	9.0*	26.8*	15.9*	31.9*	21.2*	16.8*
SE OF P-VALUE	1.2	1.6	1.7	1.1	3.7	1.5	1.6

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A32C01-818-4 PART B (A002/002)							
RESPONSE: 09#							
P-VALUE	14.8	3.5*	24.7*	14.5	18.2	14.9	14.7
SE OF P-VALUE	1.0	0.7	1.7	1.1	2.5	1.6	1.4
EXERCISE: 8-A32C01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.2	0.0	0.3	0.0	1.5	0.1	0.2
SE OF P-VALUE	0.1	0.0	0.3	0.0	1.2	0.0	0.2
RESPONSE: 01*							
P-VALUE	46.4	66.6*	28.6*	49.9*	29.7*	48.0	45.4
SE OF P-VALUE	1.6	2.7	2.1	1.8	2.1	2.2	2.4
RESPONSE: 02							
P-VALUE	3.2	4.6	2.0	2.3	7.5	2.4	3.7
SE OF P-VALUE	0.7	1.3	0.6	0.5	2.8	0.6	1.0
RESPONSE: 03							
P-VALUE	32.1	21.1*	41.8*	30.6*	37.4*	31.6	32.4
SE OF P-VALUE	1.7	2.1	2.2	1.8	2.9	2.3	2.3
RESPONSE: 09#							
P-VALUE	18.1	7.6*	27.2*	17.2	23.9*	17.9	18.2
SE OF P-VALUE	1.0	1.1	1.7	1.1	3.2	1.5	1.3
EXERCISE: 8-A32C01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.2	0.0	0.3	0.0	1.5	0.1	0.2
SE OF P-VALUE	0.1	0.0	0.3	0.0	1.2	0.0	0.2
RESPONSE: 01							
P-VALUE	4.5	2.3*	6.4*	2.8*	14.2*	4.1	4.7
SE OF P-VALUE	0.6	0.6	1.1	0.7	1.6	0.8	0.9

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A32C01-818-4 PART D (A004/004)							
RESPONSE: 02*							
P-VALUE	87.1	93.3*	81.7*	93.0*	57.3*	89.4	85.8
SE OF P-VALUE	1.7	2.1	1.7	1.2	5.0	1.2	2.6
RESPONSE: 03							
P-VALUE	3.8	2.8	4.6	1.3*	13.4*	2.0	4.8
SE OF P-VALUE	0.9	1.4	1.0	0.3	3.3	0.7	1.3
RESPONSE: 09#							
P-VALUE	4.4	1.5*	6.9*	2.9*	13.6*	4.4	4.4
SE OF P-VALUE	0.7	0.5	1.1	0.7	2.1	0.7	1.1

A. If you commuted alone to work 50 miles every day and wanted to save gasoline, which one of the following ways would save the most gasoline?

● Carpooling to and from work with one other person

○ Buying a car that gets 20 miles per gallon rather than one that gets 15 miles per gallon

○ Driving 55 miles per hour rather than 65 miles per hour

○ I don't know.

B. At about what speed does the average automobile get the most miles per gallon of gasoline?

○ 15 miles per hour

● 40 miles per hour

○ 55 miles per hour

○ 75 miles per hour

○ I don't know.

8-A32C02-818-4

NAEP #:	8-A32C02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Energy Conservation
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-46

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A32C02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.3	0.0	0.5	0.1	1.5	0.1	0.4
SE OF P-VALUE	0.2	0.0	0.3	0.1	1.2	0.0	0.3
RESPONSE: 01*							
P-VALUE	81.2	84.5*	78.2*	84.1*	65.5*	79.1	82.4
SE OF P-VALUE	1.2	1.8	1.8	1.3	2.0	2.3	1.3
RESPONSE: 02							
P-VALUE	8.0	7.1	8.8	7.6	10.8	8.7	7.6
SE OF P-VALUE	0.9	1.1	1.2	1.0	1.5	1.9	0.8
RESPONSE: 03							
P-VALUE	7.2	5.7	8.4	6.0*	12.4*	8.8	6.1
SE OF P-VALUE	0.7	1.2	1.0	0.7	1.7	1.3	0.9
RESPONSE: 09#							
P-VALUE	3.4	2.7	4.1	2.1*	9.8*	3.2	3.5
SE OF P-VALUE	0.5	0.6	0.8	0.4	1.3	0.8	0.7
EXERCISE: 8-A32C02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.0	0.9	1.1	0.8	3.2	0.5	1.4
SE OF P-VALUE	0.4	0.5	0.6	0.3	1.8	0.3	0.6
RESPONSE: 01							
P-VALUE	6.9	7.4	6.4	5.6*	14.2*	6.7	7.0
SE OF P-VALUE	0.8	1.1	1.0	0.6	2.9	1.3	1.1
RESPONSE: 02*							
P-VALUE	30.4	39.8*	22.2*	32.4*	19.0*	32.6	29.2
SE OF P-VALUE	1.5	2.3	1.9	1.6	3.0	2.7	1.8
RESPONSE: 03							
P-VALUE	52.5	44.3*	59.7*	53.1	46.2*	46.9*	55.9*
SE OF P-VALUE	1.6	2.0	2.4	1.8	3.4	3.1	1.7

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A32C02-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	2.2	3.0	1.6	1.8	4.5	4.2*	1.1*
SE OF P-VALUE	0.5	0.8	0.5	0.5	1.5	1.1	0.4
RESPONSE: 09#							
P-VALUE	6.9	4.6*	9.0*	6.3	12.9*	9.2*	5.5*
SE OF P-VALUE	0.8	1.0	1.2	1.0	3.0	1.4	0.8

Which one of the following has the greatest effect on the amount of gasoline a car uses?

● The weight of the car
○ The amount of air pressure in the tires
○ The kind of gasoline you use
○ How clean the oil filter is
○ How clean the spark plugs are

○ I don't know.

8 A32C03 818 4

NAEP #:	8-A32C03-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	COGNITIVE
Reporting Theme:	Energy Conservation
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-47

4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A32C03-818-4			(A001/001)				
RESPONSE: 00							
P-VALUE	0.5	0.3	0.7	0.2	1.9	0.6	0.4
SE OF P-VALUE	0.2	0.2	0.3	0.1	1.2	0.3	0.3
RESPONSE: 01*							
P-VALUE	55.2	66.1*	45.7*	59.7*	33.9*	60.8*	51.9*
SE OF P-VALUE	1.7	2.5	2.1	1.9	3.8	2.4	2.4
RESPONSE: 02							
P-VALUE	1.6	1.4	1.8	1.1	3.7	1.5	1.7
SE OF P-VALUE	0.3	0.5	0.5	0.4	1.4	0.7	0.4
RESPONSE: 03							
P-VALUE	4.8	2.0*	7.3*	3.1*	13.7*	4.1	5.2
SE OF P-VALUE	0.6	0.7	0.9	0.7	1.7	0.9	0.8
RESPONSE: 04							
P-VALUE	4.2	1.5*	6.6*	2.8*	11.8*	4.0	4.3
SE OF P-VALUE	0.7	0.9	0.9	0.5	2.9	0.9	1.0
RESPONSE: 05							
P-VALUE	22.5	26.7*	18.7*	21.6	21.5	18.2*	25.1*
SE OF P-VALUE	1.5	2.3	1.9	1.7	2.0	1.7	2.1
RESPONSE: 09#							
P-VALUE	11.2	2.1*	19.3*	11.4	13.4	10.8	11.5
SE OF P-VALUE	1.0	0.7	1.9	1.1	2.1	1.6	1.2

For this kind of exercise, fill in one oval in each box.

How much do you agree or disagree with each of the following statements?

A. Today, energy problems in the United States hardly ever affect me.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. The energy problems in the United States are past.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. The United States is the only country in the world with energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

D. The people in my region have no energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

E. Energy problems in the United States will all be solved in ten years.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

F. There will not be any gasoline shortages in the United States again.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8 A41A01 818 4

NAEP #: 8-A41A01-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: AFFECTIVE

Reporting Theme: Seriousness of the Energy Problem

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-01

			SEX		RACE		CCS
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A41A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	1.1	1.0	1.2	0.8	2.6	0.7	1.4
SE OF P-VALUE	0.3	0.4	0.5	0.2	1.1	0.4	0.3
RESPONSE: 01							
P-VALUE	8.3	8.6	8.1	7.0*	16.1*	8.8	8.1
SE OF P-VALUE	0.9	1.5	1.2	1.1	1.6	1.5	1.2
RESPONSE: 02							
P-VALUE	10.1	8.3	11.8	9.0*	12.9	10.1	10.2
SE OF P-VALUE	1.0	1.5	1.4	1.2	1.6	1.2	1.5
RESPONSE: 03							
P-VALUE	22.5	20.9	24.0	21.7	26.4	23.5	22.0
SE OF P-VALUE	1.6	2.2	2.2	2.0	[illegible]	2.9	2.1
RESPONSE: 04							
P-VALUE	57.8	61.1*	54.9*	61.5*	41.[illegible]*	56.9	58.4
SE OF P-VALUE	2.1	2.8	2.4	2.5	2.[illegible]	4.1	2.4
EXERCISE: 8-A41A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.0	0.8	1.2	0.6	3.1	0.1*	1.5*
SE OF P-VALUE	0.2	0.4	0.5	0.1	1.3	0.1	0.4
RESPONSE: 01							
P-VALUE	1.6	1.6	1.7	1.4	3.3*	0.6*	2.3*
SE OF P-VALUE	0.5	0.5	0.7	0.5	0.8	0.2	0.7
RESPONSE: 02							
P-VALUE	2.8	2.8	2.8	1.8*	9.1*	3.2	2.6
SE OF P-VALUE	0.5	0.8	0.6	0.4	2.5	0.8	0.9
RESPONSE: 03							
P-VALUE	13.8	11.0*	16.2*	11.6*	27.3*	12.1	14.8
SE OF P-VALUE	1.5	1.8	1.8	1.7	2.8	2.6	1.9

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A41A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	80.8	83.8*	78.1*	84.5*	57.1*	83.9	78.8
SE OF P-VALUE	1.9	2.4	2.1	1.9	4.1	3.0	2.6
EXERCISE: 8-A41A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.1	1.1	1.1	0.7*	2.9	0.3*	1.6*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.1	0.2	0.4
RESPONSE: 01							
P-VALUE	2.8	3.0	2.7	1.8	7.2*	2.8	2.9
SE OF P-VALUE	0.7	0.9	0.8	0.6	2.5	0.9	1.0
RESPONSE: 02							
P-VALUE	2.0	1.4	2.6	1.3*	7.5*	1.9	2.1
SE OF P-VALUE	0.4	0.5	0.6	0.4	1.9	0.7	0.6
RESPONSE: 03							
P-VALUE	18.8	13.5*	23.4*	16.0*	31.6*	17.3	19.7
SE OF P-VALUE	1.6	1.8	2.0	1.7	2.7	2.3	2.0
RESPONSE: 04							
P-VALUE	75.2	81.0*	70.1*	80.2*	50.9*	77.7	73.7
SE OF P-VALUE	1.8	2.0	2.3	1.8	3.7	2.0	2.7
EXERCISE: 8-A41A01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.1	1.0	1.1	0.8	2.9	0.4*	1.5*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.1	0.2	0.3
RESPONSE: 01							
P-VALUE	1.7	2.7	0.8	0.7*	5.4*	1.2	2.0
SE OF P-VALUE	0.5	0.9	0.3	0.3	1.9	0.7	0.6

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A41A01-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	3.5	3.4	3.6	2.8	7.8*	2.9	3.8
SE OF P-VALUE	0.5	0.7	0.5	0.5	2.2	0.7	0.6
RESPONSE: 03							
P-VALUE	26.8	24.0*	29.2*	25.6	32.8	23.3	28.9
SE OF P-VALUE	2.2	2.2	2.7	2.5	3.0	3.6	2.4
RESPONSE: 04							
P-VALUE	67.0	68.9	65.2	70.1*	51.1*	72.2	63.8
SE OF P-VALUE	2.5	3.0	2.9	2.8	5.0	3.7	3.0
EXERCISE: 8-A41A01-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	1.2	1.3	1.2	0.9	3.2*	0.5*	1.7*
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.1	0.3	0.4
RESPONSE: 01							
P-VALUE	1.2	1.4	1.1	0.9	1.8	1.2	1.2
SE OF P-VALUE	0.4	0.6	0.5	0.4	0.8	0.6	0.5
RESPONSE: 02							
P-VALUE	9.1	8.4	9.7	6.8*	20.6*	8.9	9.2
SE OF P-VALUE	0.9	1.4	1.2	0.7	2.9	1.5	1.2
RESPONSE: 03							
P-VALUE	32.3	30.2	34.2	32.4	35.3	34.0	31.2
SE OF P-VALUE	1.4	1.8	2.1	1.5	2.8	2.5	1.7
RESPONSE: 04							
P-VALUE	56.1	58.7	53.9	59.0*	39.1*	55.3	56.6
SE OF P-VALUE	1.6	2.3	2.1	1.6	3.7	2.7	2.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A41A01-818-4 PART F (A006/006)							
RESPONSE: 00							
P-VALUE	1.0	1.0	1.1	0.7	2.8	0.4*	1.5*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.1	0.3	0.3
RESPONSE: 01							
P-VALUE	2.0	2.1	2.0	1.6	4.9	1.2	2.6
SE OF P-VALUE	0.6	0.6	0.9	0.6	1.6	0.5	0.9
RESPONSE: 02							
P-VALUE	2.9	3.0	2.7	1.6*	10.3*	2.1	3.3
SE OF P-VALUE	0.5	1.1	0.6	0.3	2.4	0.5	0.8
RESPONSE: 03							
P-VALUE	27.1	25.7	28.3	26.0	34.9*	31.1*	24.7*
SE OF P-VALUE	1.3	2.0	1.8	1.6	3.0	2.4	1.6
RESPONSE: 04							
P-VALUE	67.0	68.1	65.9	70.0*	47.0*	65.3	68.0
SE OF P-VALUE	1.6	2.6	2.0	1.8	3.0	2.8	2.2

As world consumption of energy increases, will each of the following conditions almost certainly happen, probably happen, or probably not happen?

A. As world consumption of energy increases, there will be less energy available to the United States.

Will almost certainly happen	Probably will happen	Probably will not happen
○	○	○

B. As world consumption of energy increases, countries in control of energy will attempt to manipulate the United States and other energy consuming countries more and more.

Will almost certainly happen	Probably will happen	Probably will not happen
○	○	○

C. As world consumption of energy increases, there will be wars over energy supply and use.

Will almost certainly happen	Probably will happen	Probably will not happen
○	○	○

8-A41A02-818-4

NAEP #: 8-A41A02-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: AFFECTIVE

Reporting Theme: Seriousness of the Energy Problem

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-14

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A41A02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.7	0.9	0.5	0.6	1.4	1.2	0.3
SE OF P-VALUE	0.3	0.7	0.3	0.4	0.7	0.8	0.2
RESPONSE: 01							
P-VALUE	40.2	39.9	40.4	44.0*	23.0*	37.5	41.8
SE OF P-VALUE	1.9	2.0	2.7	1.9	3.8	2.8	2.6
RESPONSE: 02							
P-VALUE	49.8	48.5	51.0	47.7*	57.7*	51.6	48.8
SE OF P-VALUE	1.9	2.3	2.3	2.0	3.9	2.9	2.5
RESPONSE: 03							
P-VALUE	9.3	10.7	8.1	7.7*	18.0*	9.7	9.1
SE OF P-VALUE	0.9	1.4	1.0	0.8	2.5	1.6	1.3
EXERCISE: 8-A41A02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.8	1.0	0.5	0.6	2.2	1.4	0.4
SE OF P-VALUE	0.4	0.7	0.3	0.4	0.8	0.8	0.2
RESPONSE: 01							
P-VALUE	49.3	52.8*	46.3*	53.5*	26.1*	50.6	48.6
SE OF P-VALUE	1.8	2.3	2.2	1.6	5.6	2.7	2.7
RESPONSE: 02							
P-VALUE	44.6	40.4*	48.4*	42.1*	57.0*	43.2	45.5
SE OF P-VALUE	1.6	2.6	1.8	1.6	4.0	2.9	2.1
RESPONSE: 03							
P-VALUE	5.2	5.8	4.8	3.8*	14.6*	4.9	5.4
SE OF P-VALUE	0.7	0.8	1.0	0.6	2.8	0.9	1.0

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A41A02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.7	0.9	0.5	0.6	1.7	1.2	0.4
SE OF P-VALUE	0.3	0.7	0.3	0.4	0.7	0.8	0.2
RESPONSE: 01							
P-VALUE	25.0	26.9	23.3	25.7	22.2	24.7	25.1
SE OF P-VALUE	1.5	1.9	2.1	1.4	2.9	1.9	2.2
RESPONSE: 02							
P-VALUE	55.9	55.1	56.5	55.5	54.6	52.8	57.7
SE OF P-VALUE	1.7	2.6	2.2	1.7	4.1	2.8	2.3
RESPONSE: 03							
P-VALUE	18.4	17.1	19.7	18.2	21.5	21.3	16.7
SE OF P-VALUE	1.1	1.6	1.6	1.3	2.8	2.4	1.1

How much do you agree or disagree with each of the following statements?

A. Most people will not save energy even if they understand why saving energy is necessary.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. The average citizen cannot have any influence on what the government does about energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. The average citizen cannot have any influence on what manufacturing companies do about energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

D. The average citizen cannot have any influence on what oil companies do about energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8-A42A01 818 4

NAEP #:	8-A42A01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Personal Actions
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-03

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A42A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.9	0.9	0.9	0.8	1.4	0.3*	1.3*
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.7	0.2	0.3
RESPONSE: 01							
P-VALUE	21.6	24.3*	19.3*	18.6*	34.5*	20.6	22.3
SE OF P-VALUE	1.6	2.1	1.8	2.0	2.8	2.9	1.8
RESPONSE: 02							
P-VALUE	42.7	40.3	44.8	44.4*	35.9*	44.4	41.7
SE OF P-VALUE	1.9	2.8	1.9	2.0	2.2	3.8	2.0
RESPONSE: 03							
P-VALUE	26.1	24.5	27.6	27.4	20.9	28.8	24.5
SE OF P-VALUE	1.4	2.3	1.8	1.7	2.4	2.4	1.6
RESPONSE: 04							
P-VALUE	8.6	9.9	7.4	8.8	7.3	5.9*	10.2*
SE OF P-VALUE	0.9	1.5	1.0	1.0	1.8	1.3	1.2
EXERCISE: 8-A42A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.1	1.2	1.1	0.9	1.4	0.6	1.5
SE OF P-VALUE	0.3	0.5	0.3	0.3	0.7	0.4	0.4
RESPONSE: 01							
P-VALUE	10.2	9.6	10.7	8.5*	21.5*	9.5	10.6
SE OF P-VALUE	1.2	1.5	1.5	1.1	3.3	1.1	1.9
RESPONSE: 02							
P-VALUE	25.4	24.7	26.0	24.3	33.2*	26.5	24.7
SE OF P-VALUE	1.5	2.7	1.6	1.8	3.8	2.0	2.2
RESPONSE: 03							
P-VALUE	38.6	37.0	40.0	40.2	28.6*	37.2	39.4
SE OF P-VALUE	1.4	2.7	1.9	1.4	4.6	1.9	2.2

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A42A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	24.7	27.5	22.2	26.0	15.3*	26.1	23.8
SE OF P-VALUE	1.7	2.8	1.8	1.7	3.4	2.6	2.1
EXERCISE: 8-A42A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.0	0.9	1.1	0.9	1.4	0.3*	1.5*
SE OF P-VALUE	0.3	0.4	0.3	0.3	0.7	0.2	0.4
RESPONSE: 01							
P-VALUE	10.3	11.1	9.6	9.2	17.2*	11.1	9.8
SE OF P-VALUE	1.0	1.5	1.1	1.0	2.9	1.3	1.6
RESPONSE: 02							
P-VALUE	26.2	22.6	29.4	24.8*	33.2*	25.5	26.6
SE OF P-VALUE	1.7	2.5	2.6	1.9	2.5	2.1	2.4
RESPONSE: 03							
P-VALUE	39.4	40.2	38.6	40.4	35.3	38.7	39.8
SE OF P-VALUE	1.7	3.0	2.3	1.8	2.6	1.9	2.5
RESPONSE: 04							
P-VALUE	23.1	25.2	21.2	24.7*	13.0*	24.4	22.3
SE OF P-VALUE	1.7	2.7	1.7	1.8	3.0	2.7	2.1
EXERCISE: 8-A42A01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.0	0.9	1.1	0.9	1.4	0.3*	1.5*
SE OF P-VALUE	0.3	0.4	0.3	0.3	0.7	0.2	0.4
RESPONSE: 01							
P-VALUE	17.0	19.1	15.1	15.5	23.9	18.8	15.8
SE OF P-VALUE	1.5	2.5	1.7	1.6	4.0	1.7	2.2

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A42A01-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	29.6	25.8*	32.9*	28.6	34.8	28.2	30.4
SE OF P-VALUE	1.8	2.3	2.7	1.9	2.8	2.1	2.6
RESPONSE: 03							
P-VALUE	32.4	31.8	33.0	34.1	26.3	31.8	32.8
SE OF P-VALUE	1.8	3.1	2.5	1.9	4.2	2.3	2.5
RESPONSE: 04							
P-VALUE	20.0	22.4	17.9	20.8	13.6*	20.9	19.5
SE OF P-VALUE	1.6	2.4	1.8	1.8	2.1	2.8	2.0

How much do you agree or disagree with each of the following statements?

A. **America should develop energy independence even if it means that energy will cost more.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

B. **I would be willing to pay 10% more per year in electric bills if power plants would use this money to reduce their pollution.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

C. **Energy shortages pose a serious threat to the future well-being of most Americans.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

D. **Declining environmental quality poses a serious threat to the future well-being of most Americans.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

8-A43A01 818-4

NAEP ID:	**8-A43A01-818-4**
ASSESSMENT PROBE AREA:	**ENERGY**
TAXONOMY:	**AFFECTIVE**
Reporting Theme:	**General Energy Attitudes**
Exercise/Scoring Type:	**Multiple Choice/Machine**
Administration Mode:	**Individual**
Age:	**Adult**
Package-Exercise:	**04-02**

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	1.0	0.8	1.1	0.6	2.8	0.1*	1.5*
SE OF P-VALUE	0.2	0.4	0.4	0.1	1.1	0.1	0.3
RESPONSE: 01							
P-VALUE	35.9	39.7*	32.5*	38.4*	24.0*	38.7	34.2
SE OF P-VALUE	1.5	2.4	1.7	1.8	3.5	2.8	1.7
RESPONSE: 02							
P-VALUE	42.2	40.3	43.9	42.3	43.4	41.7	42.5
SE OF P-VALUE	1.7	2.3	2.2	2.0	2.6	3.4	1.8
RESPONSE: 03							
P-VALUE	14.5	12.4	16.4	13.3*	18.0	13.1	15.3
SE OF P-VALUE	1.2	1.7	1.6	1.4	2.8	2.0	1.2
RESPONSE: 04							
P-VALUE	6.4	6.9	6.1	5.3*	11.7*	6.3	6.5
SE OF P-VALUE	1.0	1.4	1.2	1.1	1.4	1.6	1.2
EXERCISE: 8-A43A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.1	1.3	1.0	0.8	2.6	0.5	1.5*
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.1	0.3	0.4
RESPONSE: 01							
P-VALUE	22.6	25.2*	20.4*	23.2	14.9*	25.0	21.2
SE OF P-VALUE	2.2	2.5	2.4	2.1	2.3	3.0	2.4
RESPONSE: 02							
P-VALUE	42.8	39.9	45.4	43.7	39.0	43.2	42.6
SE OF P-VALUE	1.4	2.3	2.1	1.5	3.9	2.6	1.5
RESPONSE: 03							
P-VALUE	22.5	20.8	24.0	22.9	23.9	21.3	23.3
SE OF P-VALUE	1.7	2.7	1.8	1.9	2.2	2.5	1.9

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	10.9	12.8	9.2	9.4	19.5*	10.0	11.4
SE OF P-VALUE	1.2	2.0	1.5	1.1	3.8	1.6	1.6
EXERCISE: 8-A43A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.1	1.0	1.1	0.6	3.8*	0.1*	1.7*
SE OF P-VALUE	0.2	0.3	0.4	0.1	1.3	0.0	0.3
RESPONSE: 01							
P-VALUE	60.5	60.7	60.3	62.5*	52.9	62.3	59.4
SE OF P-VALUE	1.7	2.8	2.3	2.0	4.8	2.8	2.2
RESPONSE: 02							
P-VALUE	31.3	31.3	31.3	31.0	28.0	31.1	31.4
SE OF P-VALUE	1.6	2.4	2.3	1.9	2.4	2.7	2.0
RESPONSE: 03							
P-VALUE	5.8	6.0	5.7	4.7	12.9*	5.0	6.3
SE OF P-VALUE	0.9	1.3	1.1	0.8	3.3	1.0	1.4
RESPONSE: 04							
P-VALUE	1.3	1.0	1.6	1.2	2.4	1.5	1.2
SE OF P-VALUE	0.5	0.4	0.8	0.5	0.7	0.6	0.6
EXERCISE: 8-A43A01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.1	1.1	1.1	0.7	3.5*	0.6	1.5
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.3	0.3
RESPONSE: 01							
P-VALUE	52.1	52.1	52.1	56.1*	34.7*	53.5	51.2
SE OF P-VALUE	2.0	2.7	2.5	2.0	3.0	1.9	3.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A01-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	37.2	36.5	37.8	35.5*	43.7	36.8	37.4
SE OF P-VALUE	1.6	2.4	2.3	1.7	3.5	1.9	2.4
RESPONSE: 03							
P-VALUE	7.2	7.2	7.2	5.5*	14.6*	6.1	7.9
SE OF P-VALUE	0.9	1.4	1.2	0.9	3.0	1.3	1.4
RESPONSE: 04							
P-VALUE	2.3	3.0	1.8	2.1	4.0	3.0	2.0
SE OF P-VALUE	0.5	0.7	0.6	0.5	1.5	0.8	0.6

How serious do you consider the potential health and safety problems associated with each of the following?

A. **Coal mining**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

B. **Offshore drilling and the Alaskan oil pipeline**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

C. **Coal powered generators**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

D. **Importing or shipping foreign oil to the United States**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

E. **Solar heat collectors**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

F. **Oil shale**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

G. **Nuclear powered generators**

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

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NAEP #:	0-A43A02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Tradeoffs
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-05

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.9	0.9	0.8	0.7	1.7	0.1*	1.4*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.4	0.1	0.4
RESPONSE: 01							
P-VALUE	47.8	39.9*	54.8*	48.6	47.0	49.7	46.7
SE OF P-VALUE	1.8	2.7	2.7	1.9	4.9	2.6	2.4
RESPONSE: 02							
P-VALUE	34.8	41.6*	28.7*	37.2*	22.6*	35.0	34.6
SE OF P-VALUE	1.8	2.7	2.1	2.1	4.1	2.9	2.5
RESPONSE: 03							
P-VALUE	5.0	7.1*	3.1*	4.8	5.8	5.8	4.5
SE OF P-VALUE	0.6	1.2	0.8	0.7	1.1	1.0	0.8
RESPONSE: 04							
P-VALUE	1.9	3.6*	0.4*	2.0	1.0	1.1	2.4
SE OF P-VALUE	0.5	1.1	0.2	0.6	0.5	0.5	0.8
RESPONSE: 09#							
P-VALUE	9.6	6.8*	12.1*	6.6*	21.9*	8.3	10.4
SE OF P-VALUE	1.0	1.2	1.4	0.8	2.2	1.1	1.6
EXERCISE: 8-A43A02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.9	0.9	0.8	0.7	1.5	0.1*	1.3*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.1	0.3
RESPONSE: 01							
P-VALUE	21.0	19.0	22.7	20.6	24.3	21.8	20.5
SE OF P-VALUE	1.4	1.9	1.6	1.7	1.9	1.8	2.2
RESPONSE: 02							
P-VALUE	40.1	44.0*	36.7*	42.1*	31.0*	42.4	38.8
SE OF P-VALUE	1.6	2.5	2.1	1.9	3.6	2.4	2.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A02-818-4 PART B (A002/002)							
RESPONSE: 03							
P-VALUE	15.1	18.6*	12.1*	17.0*	4.7*	16.4	14.4
SE OF P-VALUE	1.2	2.0	1.4	1.2	1.3	1.7	1.5
RESPONSE: 04							
P-VALUE	7.9	8.3	7.6	7.5	8.2	5.8	9.2
SE OF P-VALUE	1.0	1.5	1.2	1.1	1.6	0.9	1.5
RESPONSE: 09#							
P-VALUE	14.9	9.0*	20.1*	12.1*	30.2*	13.5	15.8
SE OF P-VALUE	1.2	1.4	1.9	1.4	3.6	1.6	1.8
EXERCISE: 8-A43A02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.8	0.9	0.8	0.7	1.4	0.1*	1.3*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.1	0.3
RESPONSE: 01							
P-VALUE	11.3	12.5	10.2	10.4	18.1*	12.2	10.8
SE OF P-VALUE	1.1	1.6	1.4	1.3	1.8	1.7	1.4
RESPONSE: 02							
P-VALUE	37.0	39.9	34.4	38.7*	26.0*	41.1	34.5
SE OF P-VALUE	1.5	2.5	2.3	1.9	2.2	3.1	1.8
RESPONSE: 03							
P-VALUE	19.5	25.4*	14.4*	21.2*	13.1*	20.3	19.1
SE OF P-VALUE	1.4	2.0	1.8	1.6	1.3	1.7	1.9
RESPONSE: 04							
P-VALUE	7.9	8.7	7.2	8.4	4.9*	6.3	8.9
SE OF P-VALUE	1.0	1.2	1.3	1.2	1.0	1.2	1.5
RESPONSE: 09#							
P-VALUE	23.4	12.5*	33.0*	20.7*	36.5*	20.0*	25.5
SE OF P-VALUE	1.3	1.4	2.0	1.5	2.3	2.0	1.8

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A02-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.8	0.9	0.8	0.7	1.4	0.1*	1.3*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.1	0.3
RESPONSE: 01							
P-VALUE	20.6	21.5	19.9	19.8	27.9*	23.2	19.1
SE OF P-VALUE	1.3	1.9	1.7	1.2	2.9	2.0	1.7
RESPONSE: 02							
P-VALUE	39.0	43.6*	35.0*	40.1	27.6*	38.8	39.2
SE OF P-VALUE	1.9	2.3	2.3	1.9	4.0	2.8	2.5
RESPONSE: 03							
P-VALUE	16.8	20.7*	13.3*	18.1*	10.6*	16.4	17.0
SE OF P-VALUE	1.3	2.3	1.3	1.6	1.4	2.3	1.7
RESPONSE: 04							
P-VALUE	10.3	8.7	11.7	10.3	9.8	11.6	9.5
SE OF P-VALUE	1.2	1.4	1.4	1.4	2.8	1.7	1.5
RESPONSE: 09#							
P-VALUE	12.4	4.6*	19.3*	10.9*	22.6*	9.9	13.9
SE OF P-VALUE	1.1	1.0	1.6	1.2	3.2	1.8	1.6
EXERCISE: 8-A43A02-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	1.0	1.1	0.9	0.7	2.4	0.3*	1.4*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.4	0.2	0.4
RESPONSE: 01							
P-VALUE	6.6	7.5	5.7	5.6*	13.1*	8.5	5.4
SE OF P-VALUE	0.9	1.6	1.0	1.1	1.6	1.7	1.0
RESPONSE: 02							
P-VALUE	11.8	9.1*	14.2*	9.6*	20.9*	9.1*	13.4*
SE OF P-VALUE	1.0	1.6	1.5	1.0	2.6	1.3	1.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A02-818-4 PART E (A005/005)							
RESPONSE: 03							
P-VALUE	23.8	28.5*	19.6*	25.0	16.2*	22.6	24.4
SE OF P-VALUE	1.3	2.3	1.6	1.4	3.6	2.8	1.6
RESPONSE: 04							
P-VALUE	36.9	40.7*	33.5*	41.5*	14.9*	42.5*	33.4*
SE OF P-VALUE	1.6	2.2	1.9	1.9	1.8	2.9	2.2
RESPONSE: 09#							
P-VALUE	20.0	13.1*	26.1*	17.6*	32.4*	16.9	21.9
SE OF P-VALUE	1.2	1.7	1.7	1.3	3.4	2.0	1.7
EXERCISE: 8-A43A02-818-4 PART F (A006/006)							
RESPONSE: 00							
P-VALUE	1.1	1.4	0.8	0.7	2.1	0.7	1.3
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.4	0.4	0.3
RESPONSE: 01							
P-VALUE	6.4	6.8	6.1	5.9	10.2*	6.4	6.4
SE OF P-VALUE	0.9	1.2	1.1	1.0	1.8	0.9	1.3
RESPONSE: 02							
P-VALUE	19.0	21.0	17.2	18.8	19.4	20.5	18.1
SE OF P-VALUE	1.5	2.7	1.4	1.7	3.1	2.5	1.9
RESPONSE: 03							
P-VALUE	19.1	30.0*	9.5*	21.1*	8.9*	18.0	19.8
SE OF P-VALUE	1.5	3.1	1.0	1.7	1.5	2.5	1.9
RESPONSE: 04							
P-VALUE	10.1	15.1*	5.7*	11.0*	6.4	10.3	10.0
SE OF P-VALUE	0.8	1.3	0.8	1.0	2.1	1.3	1.2
RESPONSE: 09#							
P-VALUE	44.3	25.6*	60.7*	42.4*	52.9*	44.2	44.4
SE OF P-VALUE	1.3	2.1	2.1	1.4	4.7	2.5	1.7

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A02-818-4 PART G (A007/007)							
RESPONSE: 00							
P-VALUE	0.8	0.9	0.8	0.7	1.4	0.1*	1.3*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.1	0.3
RESPONSE: 01							
P-VALUE	34.0	32.1	35.7	35.6*	29.4	36.0	32.8
SE OF P-VALUE	1.6	1.9	2.3	1.9	2.4	3.3	1.9
RESPONSE: 02							
P-VALUE	31.4	34.8*	28.4*	32.6*	24.2*	31.4	31.3
SE OF P-VALUE	1.6	2.0	1.9	1.8	1.5	2.3	2.0
RESPONSE: 03							
P-VALUE	11.4	16.5*	6.9*	11.5	6.7*	12.0	11.0
SE OF P-VALUE	0.8	1.3	1.2	1.1	1.3	1.4	1.0
RESPONSE: 04							
P-VALUE	6.2	6.7	5.8	6.2	7.7	6.2	6.1
SE OF P-VALUE	1.1	1.4	1.2	1.2	1.4	1.9	1.2
RESPONSE: 09#							
P-VALUE	16.2	9.0*	22.5*	13.4*	30.6*	14.2	17.3
SE OF P-VALUE	1.4	1.6	2.1	1.6	2.5	2.0	2.1

How serious do you consider the potential environmental and pollution problems associated with each of the following?

A. Coal mining

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

B. Offshore drilling and the Alaskan oil pipeline

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

C. Coal powered generators

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

D. Importing or shipping foreign oil to the United States

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

E. Solar heat collectors

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

F. Oil shale

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

G. Nuclear powered generators

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

8-A43A03-818-4

NAEP #: 8-A43A03-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: AFFECTIVE

Reporting Theme: Tradeoffs

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-06

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A03-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	1.1	1.2	1.0	0.8	2.3	0.4*	1.4*
SE OF P-VALUE	0.2	0.5	0.4	0.2	1.1	0.3	0.3
RESPONSE: 01							
P-VALUE	29.3	26.0	32.2	29.3	32.3	30.3	28.7
SE OF P-VALUE	1.6	2.2	2.3	1.7	4.6	2.1	2.2
RESPONSE: 02							
P-VALUE	41.2	44.9*	38.0*	43.1*	30.4*	39.8	42.1
SE OF P-VALUE	1.6	2.5	2.1	1.8	3.3	2.6	2.1
RESPONSE: 03							
P-VALUE	15.8	17.5	14.3	16.9*	9.8*	17.3	14.9
SE OF P-VALUE	1.3	2.1	1.4	1.5	1.9	2.2	1.4
RESPONSE: 04							
P-VALUE	4.6	5.8	3.6	4.6	5.0	4.3	4.8
SE OF P-VALUE	0.6	1.3	0.6	0.6	2.6	0.7	0.8
RESPONSE: 09#							
P-VALUE	8.0	4.7*	10.9*	5.3*	20.3*	7.9	8.1
SE OF P-VALUE	1.1	1.2	1.7	1.0	3.0	1.9	1.5
EXERCISE: 8-A43A03-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.1	1.3	0.9	1.0	1.8	0.6	1.4
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.4	0.4	0.4
RESPONSE: 01							
P-VALUE	24.3	25.0	23.7	25.7*	19.1*	24.0	24.5
SE OF P-VALUE	1.5	2.2	1.8	1.7	1.9	2.0	2.0
RESPONSE: 02							
P-VALUE	39.9	42.9*	37.3*	41.5*	33.6*	40.2	39.7
SE OF P-VALUE	1.5	2.2	1.8	1.9	2.5	2.2	1.9

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A03-818-4 PART B (A002/002)							
RESPONSE: 03							
P-VALUE	17.7	19.4	16.1	18.2	14.0	19.6	16.5
SE OF P-VALUE	1.2	1.9	1.5	1.5	2.3	2.5	1.4
RESPONSE: 04							
P-VALUE	6.0	6.9	5.2	5.4	5.6	4.9	6.7
SE OF P-VALUE	0.7	1.2	0.8	0.8	0.4	0.9	1.1
RESPONSE: 09#							
P-VALUE	11.0	4.4*	16.8*	8.3*	25.9*	10.5	11.3
SE OF P-VALUE	1.0	0.8	1.7	1.1	2.9	1.8	1.3
EXERCISE: 8-A43A03-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.4	1.4	1.4	1.0	1.7	0.4*	2.0*
SE OF P-VALUE	0.4	0.5	0.7	0.3	1.1	0.3	0.6
RESPONSE: 01							
P-VALUE	16.7	17.1	16.3	16.7	19.3	18.9	15.3
SE OF P-VALUE	1.2	1.5	1.5	1.4	3.2	2.1	1.4
RESPONSE: 02							
P-VALUE	43.3	49.2*	38.2*	45.6*	29.2*	46.0	41.7
SE OF P-VALUE	1.5	2.4	2.4	1.8	2.7	2.4	1.9
RESPONSE: 03							
P-VALUE	16.4	17.6	15.2	17.1	10.8*	14.1	17.7
SE OF P-VALUE	1.2	1.5	1.6	1.3	1.9	1.5	1.5
RESPONSE: 04							
P-VALUE	4.2	6.0*	2.6*	4.0	5.8	3.5	4.6
SE OF P-VALUE	0.6	1.1	0.7	0.6	1.8	0.9	0.7
RESPONSE: 09#							
P-VALUE	18.0	8.7*	26.3*	15.6*	33.2*	17.0	18.6
SE OF P-VALUE	1.0	1.2	1.8	1.1	2.4	1.7	1.4

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A03-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.1	1.1	1.0	0.8	2.6	0.6	1.4
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.4	0.3	0.4
RESPONSE: 01							
P-VALUE	22.5	22.8	22.3	21.5	28.7*	24.5	21.3
SE OF P-VALUE	1.6	2.4	1.5	1.6	3.1	2.7	1.9
RESPONSE: 02							
P-VALUE	36.5	41.1*	32.4*	38.6*	27.7*	35.6	37.0
SE OF P-VALUE	1.5	1.9	2.1	1.7	2.2	2.3	2.0
RESPONSE: 03							
P-VALUE	19.0	21.8	16.6	20.0	12.7*	19.0	19.0
SE OF P-VALUE	1.2	2.1	1.4	1.3	1.8	2.0	1.5
RESPONSE: 04							
P-VALUE	9.7	9.0	10.3	9.7	7.6	10.5	9.2
SE OF P-VALUE	1.2	1.7	1.4	1.4	1.8	1.8	1.4
RESPONSE: 09#							
P-VALUE	11.2	4.2*	17.3*	9.3*	20.7*	9.7	12.1
SE OF P-VALUE	1.0	1.0	1.6	0.9	2.6	1.5	1.5
EXERCISE: 8-A43A03-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	1.0	1.3	0.8	0.8	2.1	0.6	1.3
SE OF P-VALUE	0.2	0.5	0.4	0.2	1.3	0.3	0.3
RESPONSE: 01							
P-VALUE	4.9	4.7	5.1	4.0	11.1*	4.0	5.5
SE OF P-VALUE	0.9	1.4	1.2	1.0	2.6	1.1	1.4
RESPONSE: 02							
P-VALUE	8.5	6.8*	10.0*	6.5*	17.9*	9.1	8.2
SE OF P-VALUE	1.1	1.6	1.0	1.0	2.0	2.1	1.1

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A03-818-4 PART E (A005/005)							
RESPONSE: 03							
P-VALUE	27.5	31.3*	24.0*	28.3	22.8	24.7	29.1
SE OF P-VALUE	1.3	1.9	2.0	1.3	3.5	1.8	1.9
RESPONSE: 04							
P-VALUE	38.4	43.3*	34.2*	43.7*	14.7*	45.4*	34.2*
SE OF P-VALUE	1.9	2.7	2.2	2.2	2.3	2.7	2.7
RESPONSE: 09#							
P-VALUE	19.6	12.7*	25.8*	16.6*	31.3*	16.3*	21.7*
SE OF P-VALUE	1.3	1.7	1.7	1.2	3.7	1.7	1.8
EXERCISE: 8-A43A03-818-4 PART F (A006/006)							
RESPONSE: 00							
P-VALUE	1.2	1.6	0.9	0.9	3.3*	0.6	1.6
SE OF P-VALUE	0.3	0.5	0.4	0.2	1.1	0.3	0.4
RESPONSE: 01							
P-VALUE	7.6	8.6	6.6	6.7	13.4*	7.0	7.9
SE OF P-VALUE	0.9	1.4	1.0	1.0	1.9	1.2	1.3
RESPONSE: 02							
P-VALUE	24.9	31.2*	19.3*	25.2	22.8	24.3	25.2
SE OF P-VALUE	1.7	2.9	1.9	1.9	2.8	2.6	2.3
RESPONSE: 03							
P-VALUE	16.3	24.6*	9.0*	18.3*	5.9*	17.1	15.8
SE OF P-VALUE	1.6	2.2	1.5	1.8	1.5	1.7	2.5
RESPONSE: 04							
P-VALUE	7.4	10.2*	4.9*	7.8	4.2*	7.1	7.5
SE OF P-VALUE	0.8	1.2	1.0	0.9	1.4	1.3	0.9
RESPONSE: 09#							
P-VALUE	42.6	23.8*	59.2*	41.1*	50.4	43.9	41.9
SE OF P-VALUE	1.3	2.1	2.2	1.5	4.5	2.5	1.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A03-818-4 PART G (A007/007)							
RESPONSE: 00							
P-VALUE	1.0	1.1	0.8	0.8	1.6	0.4*	1.3*
SE OF P-VALUE	0.2	0.4	0.4	0.2	1.2	0.2	0.3
RESPONSE: 01							
P-VALUE	30.9	31.3	30.6	32.3	26.6	31.6	30.5
SE OF P-VALUE	1.7	2.3	2.2	2.0	3.3	2.9	2.2
RESPONSE: 02							
P-VALUE	26.8	30.4*	23.6*	27.6	24.9	28.5	25.7
SE OF P-VALUE	1.7	2.2	2.1	1.9	3.3	2.0	2.3
RESPONSE: 03							
P-VALUE	16.5	21.7*	11.9*	17.0	8.4*	14.9	17.4
SE OF P-VALUE	1.3	2.2	1.4	1.5	1.7	2.2	2.1
RESPONSE: 04							
P-VALUE	6.8	5.7	7.7	6.9	6.0	8.2	5.9
SE OF P-VALUE	0.9	0.9	1.1	1.0	1.4	1.6	1.0
RESPONSE: 09#							
P-VALUE	18.1	9.7*	25.4*	15.3*	32.5*	16.3	19.2
SE OF P-VALUE	1.2	1.3	2.0	1.3	2.9	1.7	1.8

How serious do you consider the potential social and economic impact problems associated with each of the following?

A. Coal mining

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

B. Offshore drilling and the Alaskan oil pipeline

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

C. Coal powered generators

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

D. Importing or shipping foreign oil to the United States

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

E. Solar heat collectors

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

F. Oil shale

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

G. Nuclear powered generators

Extremely Serious	Moderately Serious	Not Serious	No Potential Problems	I have no idea.
○	○	○	○	○

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NAEP #: 8-A43A04-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: AFFECTIVE

Reporting Theme: Tradeoffs

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-07

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A04-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.7	1.0	0.5	0.8	0.4	0.4	0.9
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.2	0.2	0.2
RESPONSE: 01							
P-VALUE	16.0	15.4	16.5	15.1	23.1	13.2	17.7
SE OF P-VALUE	1.4	1.8	1.8	1.5	4.1	1.7	1.9
RESPONSE: 02							
P-VALUE	33.9	35.9	32.1	34.9	26.4*	38.6*	31.0*
SE OF P-VALUE	1.5	2.5	1.8	1.6	3.6	2.5	1.7
RESPONSE: 03							
P-VALUE	25.0	27.4	23.0	27.0*	14.7*	24.7	25.2
SE OF P-VALUE	1.6	2.2	1.8	1.9	3.6	2.1	2.4
RESPONSE: 04							
P-VALUE	9.3	11.8*	7.1*	9.4	6.0*	10.8	8.4
SE OF P-VALUE	0.8	1.6	0.9	0.9	0.9	1.3	1.0
RESPONSE: 09#							
P-VALUE	15.0	8.5*	20.8*	12.8*	29.3*	12.3	16.6
SE OF P-VALUE	1.2	1.2	1.8	1.4	3.3	2.3	1.5
EXERCISE: 8-A43A04-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.9	1.4	0.5	1.0	0.4*	0.7	1.1
SE OF P-VALUE	0.2	0.5	0.3	0.3	0.2	0.4	0.3
RESPONSE: 01							
P-VALUE	15.3	17.1	13.6	15.5	17.4	15.1	15.3
SE OF P-VALUE	1.1	1.8	1.7	1.3	3.1	1.7	1.4
RESPONSE: 02							
P-VALUE	35.3	38.8	32.2*	35.9	32.6	36.8	34.4
SE OF P-VALUE	1.3	2.5	1.6	1.5	4.3	2.4	1.8

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A04-818-4 PART B (A002/002)							
RESPONSE: 03							
P-VALUE	21.8	24.2	19.7	23.1	13.8*	21.1	22.2
SE OF P-VALUE	1.4	2.0	2.0	1.7	1.9	2.0	1.9
RESPONSE: 04							
P-VALUE	11.7	12.5	11.0	11.8	8.9	11.7	11.7
SE OF P-VALUE	1.3	1.8	1.4	1.6	1.2	1.9	1.8
RESPONSE: 09#							
P-VALUE	15.0	5.9*	22.9*	12.7*	26.9*	14.6	15.2
SE OF P-VALUE	1.3	1.2	2.0	1.2	3.9	2.1	1.9
EXERCISE: 8-A43A04-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.8	1.0	0.6	0.8	0.6	0.4	1.0
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.3	0.2	0.2
RESPONSE: 01							
P-VALUE	11.0	12.1	10.0	10.4	13.8	10.8	11.1
SE OF P-VALUE	1.2	1.6	1.8	1.3	2.3	1.6	1.7
RESPONSE: 02							
P-VALUE	26.3	29.7	23.3	26.1	29.4	29.2	24.6
SE OF P-VALUE	1.5	3.0	1.6	1.8	2.1	2.0	1.9
RESPONSE: 03							
P-VALUE	27.7	31.1*	24.6*	29.7*	18.3*	25.7	28.9
SE OF P-VALUE	1.7	2.4	2.1	2.0	4.2	1.8	2.4
RESPONSE: 04							
P-VALUE	10.9	13.3*	8.8*	11.4	5.4*	10.5	11.2
SE OF P-VALUE	1.0	1.6	1.2	1.2	0.9	1.5	1.4
RESPONSE: 09#							
P-VALUE	23.3	12.7*	32.6*	21.6*	32.5*	23.5	23.2
SE OF P-VALUE	1.3	1.5	2.0	1.4	2.9	1.5	1.9

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	NC&SP
EXERCISE: 8-A43A04-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.9	1.0	0.8	0.8	0.8	0.4*	1.1
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.5	0.3	0.3
RESPONSE: 01							
P-VALUE	36.1	38.6	34.0	38.6*	28.8	40.9*	33.3*
SE OF P-VALUE	1.7	2.3	2.2	2.1	4.1	2.4	2.1
RESPONSE: 02							
P-VALUE	34.1	34.7	33.7	34.8	28.0	29.8*	36.8*
SE OF P-VALUE	1.8	2.4	1.9	1.9	4.4	2.0	2.5
RESPONSE: 03							
P-VALUE	11.8	14.7*	9.4*	11.4	10.9	13.6	10.8
SE OF P-VALUE	0.8	1.4	1.1	1.0	2.3	1.3	1.1
RESPONSE: 04							
P-VALUE	5.3	5.8	4.8	4.4*	7.5	5.4	5.2
SE OF P-VALUE	0.7	0.8	0.9	0.8	1.0	1.0	1.0
RESPONSE: 09#							
P-VALUE	11.7	5.3*	17.4*	9.9*	24.0*	9.9	12.8
SE OF P-VALUE	0.9	0.9	1.7	1.0	3.0	1.5	1.4
EXERCISE: 8-A43A04-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.9	1.3	0.6	0.8	1.4	0.9	1.0
SE OF P-VALUE	0.2	0.5	0.3	0.2	0.8	0.4	0.2
RESPONSE: 01							
P-VALUE	10.1	11.1	9.1	10.0	12.0	11.8	9.0
SE OF P-VALUE	0.9	1.6	1.3	1.0	1.5	1.8	1.1
RESPONSE: 02							
P-VALUE	15.2	13.5	16.7	13.1*	23.9*	13.3	16.4
SE OF P-VALUE	1.1	1.8	1.4	1.2	2.0	2.1	1.2

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A04-818-4 PART E (A005/005)							
RESPONSE: 03							
P-VALUE	27.8	31.3*	24.7*	29.9*	17.7*	27.1	28.2
SE OF P-VALUE	1.5	2.2	2.0	1.4	4.6	2.6	1.8
RESPONSE: 04							
P-VALUE	26.7	29.3	24.4	29.5*	12.7*	30.1	24.6
SE OF P-VALUE	1.7	2.4	2.1	2.0	1.8	2.7	1.9
RESPONSE: 09#							
P-VALUE	19.3	13.5*	24.4*	16.8*	32.2*	16.9	20.7
SE OF P-VALUE	1.3	1.8	1.9	1.4	4.3	1.6	1.9
EXERCISE: 8-A43A04-818-4 PART F (A006/006)							
RESPONSE: 00							
P-VALUE	0.9	1.1	0.6	0.8	1.5	0.6	1.0
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.9	0.3	0.2
RESPONSE: 01							
P-VALUE	7.1	8.9	5.6	6.7	9.0	7.5	6.9
SE OF P-VALUE	0.9	1.5	1.1	1.0	1.3	1.2	1.3
RESPONSE: 02							
P-VALUE	22.7	28.7*	17.5*	22.1	26.2	23.3	22.4
SE OF P-VALUE	1.5	2.6	1.7	1.7	2.5	2.3	1.7
RESPONSE: 03							
P-VALUE	19.0	25.6*	13.2*	21.2*	9.9*	18.8	19.1
SE OF P-VALUE	1.7	2.7	1.6	2.0	2.0	1.8	2.4
RESPONSE: 04							
P-VALUE	8.5	11.5*	5.8*	8.9	4.7*	7.7	9.0
SE OF P-VALUE	1.0	1.7	1.2	1.1	1.4	1.9	1.0
RESPONSE: 09#							
P-VALUE	41.8	24.2*	57.2*	40.3*	48.8*	42.1	41.6
SE OF P-VALUE	1.4	2.1	2.1	1.6	2.7	2.0	1.8

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A04-818-4 PART G (A007/007)							
RESPONSE: 00							
P-VALUE	0.7	1.0	0.5	0.8	0.4	0.4	0.9
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.2	0.2	0.2
RESPONSE: 01							
P-VALUE	28.3	30.1	26.8	30.0*	22.2*	30.7	26.9
SE OF P-VALUE	1.6	2.4	1.7	1.9	2.4	2.8	2.0
RESPONSE: 02							
P-VALUE	27.1	28.1	26.3	27.2	26.6	28.5	26.3
SE OF P-VALUE	1.5	2.0	2.0	1.6	2.7	2.9	1.7
RESPONSE: 03							
P-VALUE	14.8	18.7*	11.3*	15.6	8.1*	12.5	16.1
SE OF P-VALUE	1.3	1.7	1.6	1.5	0.9	1.6	1.8
RESPONSE: 04							
P-VALUE	9.3	10.1	8.7	9.6	5.2*	10.3	8.8
SE OF P-VALUE	0.8	1.3	1.1	0.9	0.7	1.2	1.1
RESPONSE: 09#							
P-VALUE	19.7	12.1*	26.4*	16.8*	37.4*	17.5	20.9
SE OF P-VALUE	1.3	1.5	1.7	1.4	2.9	1.6	1.8

How serious do you consider each of the following potential hazards associated with nuclear power?

		Very Serious	Moderately Serious	Not Serious
A.	Thermal pollution	○	○	○
B.	Radiation exposure from normal operation	○	○	○
C.	Explosion	○	○	○
D.	Theft of plutonium	○	○	○
E.	Disposal of radioactive waste	○	○	○

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NAEP #:	8-A43A05-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Environmental Hazards
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-08

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	NC&SP
EXERCISE: 8-A43A05-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	1.3	1.8	1.0	1.3	1.7	1.5	1.2
SE OF P-VALUE	0.3	0.5	0.3	0.3	0.6	0.5	0.3
RESPONSE: 01							
P-VALUE	33.8	32.6	34.8	32.9	35.2	35.2	32.9
SE OF P-VALUE	1.5	2.7	1.7	1.7	2.3	2.2	1.9
RESPONSE: 02							
P-VALUE	47.5	44.1	50.5	48.0	48.1	45.6	48.7
SE OF P-VALUE	1.6	2.8	2.1	1.8	2.1	2.4	2.2
RESPONSE: 03							
P-VALUE	17.3	21.4*	13.7*	17.8	15.0	17.7	17.1
SE OF P-VALUE	1.1	1.7	1.5	1.4	2.5	1.9	1.7
EXERCISE: 8-A43A05-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.1	1.5	0.7	0.9	1.7	0.9	1.1
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.6	0.3	0.3
RESPONSE: 01							
P-VALUE	42.2	35.4*	48.2*	39.3*	57.1*	39.6	43.8
SE OF P-VALUE	2.1	2.9	2.3	2.2	3.2	3.1	2.4
RESPONSE: 02							
P-VALUE	35.6	31.6*	39.2*	36.4	31.6	35.0	36.0
SE OF P-VALUE	1.3	2.1	2.0	1.4	2.9	2.1	1.6
RESPONSE: 03							
P-VALUE	21.1	31.5*	11.9*	23.3*	9.6*	24.4	19.0
SE OF P-VALUE	1.5	2.5	1.4	1.5	2.4	2.5	1.9

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A43A05-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.1	1.4	0.8	0.9	2.0	1.0	1.1
SE OF P-VALUE	0.3	0.5	0.3	0.2	0.9	0.6	0.3
RESPONSE: 01							
P-VALUE	56.6	48.0*	64.2*	54.2*	66.9*	56.3	56.8
SE OF P-VALUE	1.7	2.3	1.9	1.9	4.2	3.3	1.9
RESPONSE: 02							
P-VALUE	26.1	25.7	26.6	26.5	24.6	22.6*	28.3*
SE OF P-VALUE	1.3	1.9	1.9	1.4	2.3	1.9	1.9
RESPONSE: 03							
P-VALUE	16.2	24.9*	8.4*	18.3*	6.5*	20.0*	13.8*
SE OF P-VALUE	1.3	2.0	1.4	1.6	2.2	2.5	1.4
EXERCISE: 8-A43A05-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.5	1.6	1.3	1.3	2.5	1.4	1.5
SE OF P-VALUE	0.2	0.5	0.4	0.3	1.0	0.4	0.3
RESPONSE: 01							
P-VALUE	42.9	45.2	40.9	42.6	44.0	45.5	41.4
SE OF P-VALUE	1.6	2.1	2.1	1.7	3.0	3.1	1.8
RESPONSE: 02							
P-VALUE	37.4	32.6*	41.6*	37.5	36.3	30.5*	41.6*
SE OF P-VALUE	1.3	2.2	2.0	1.5	1.6	1.6	1.8
RESPONSE: 03							
P-VALUE	18.2	20.5	16.1	18.5	17.2	22.7*	15.4*
SE OF P-VALUE	1.2	1.8	1.9	1.4	2.8	2.2	1.5

EXERCISE: 8-A43A05-818-4 PART E (A005/005)

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	HC&SP
RESPONSE: 00							
P-VALUE	0.9	1.3	0.6	0.8	1.3	0.9	0.9
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.5	0.3	0.2
RESPONSE: 01							
P-VALUE	76.0	72.5*	79.1*	77.4*	69.4	74.3	77.0
SE OF P-VALUE	1.3	2.1	2.0	1.5	3.7	2.1	2.0
RESPONSE: 02							
P-VALUE	18.7	22.5*	15.4*	18.4	20.0	20.1	17.9
SE OF P-VALUE	1.1	2.1	1.4	1.3	1.9	1.8	1.6
RESPONSE: 03							
P-VALUE	4.3	3.7	4.8	3.3	9.2	4.7	4.1
SE OF P-VALUE	0.9	0.9	1.2	0.8	2.9	1.5	1.1

How much do you agree or disagree with each of the following statements?

A. Auto pollution control is more important than gasoline mileage.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. Coal should be strip-mined only if the land can be restored to comparable topography and vegetation.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. More dams should be built to generate electricity, even if the water covers scenic valleys, farmlands, and wildlife areas.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

D. The United States and other "have" nations are consuming more than their fair share of energy and resources.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

E. We should use all the natural gas, oil and gasoline we need now, because future generations will have new forms of energy which we don't have now.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8-A43A06-818-4

NAEP #:	8-A43A06-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Environmental Hazards
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-09

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A06-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.6	0.3	0.8	0.1	3.7*	0.2	0.8
SE OF P-VALUE	0.3	0.2	0.5	0.1	1.5	0.1	0.5
RESPONSE: 01							
P-VALUE	23.1	19.2*	26.6*	19.7*	33.6*	25.9	21.5
SE OF P-VALUE	1.3	2.4	2.0	1.4	2.7	2.3	1.6
RESPONSE: 02							
P-VALUE	39.4	35.4*	42.9*	40.8*	36.5	42.2	37.7
SE OF P-VALUE	1.7	2.7	2.3	2.1	2.1	3.3	2.0
RESPONSE: 03							
P-VALUE	24.1	27.8*	20.8*	25.4*	19.7	21.4	25.7
SE OF P-VALUE	1.5	2.0	1.7	1.8	2.1	2.3	1.9
RESPONSE: 04							
P-VALUE	12.8	17.2*	8.9*	14.0*	6.5*	10.3	14.3
SE OF P-VALUE	1.2	2.0	1.4	1.5	1.6	1.2	1.8
EXERCISE: 8-A43A06-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.7	0.3	1.1	0.2	4.3*	0.4	0.9
SE OF P-VALUE	0.3	0.2	0.5	0.2	1.5	0.2	0.5
RESPONSE: 01							
P-VALUE	45.7	49.1*	42.7*	48.4*	31.2*	44.3	46.5
SE OF P-VALUE	1.7	2.5	1.9	1.7	2.8	1.8	2.4
RESPONSE: 02							
P-VALUE	40.9	37.4*	43.9*	40.1	45.8	41.6	40.4
SE OF P-VALUE	1.8	2.6	2.0	2.1	2.4	2.1	2.3
RESPONSE: 03							
P-VALUE	9.4	9.2	9.6	8.2	17.2*	9.9	9.2
SE OF P-VALUE	1.1	1.7	1.3	1.2	2.9	1.6	1.4

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A06-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	3.3	4.0	2.6	3.0	1.6	3.9	2.9
SE OF P-VALUE	0.8	1.2	1.1	1.0	0.9	0.9	1.3
EXERCISE: 8-A43A06-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.7	0.4	0.9	0.2	3.8*	0.4	0.8
SE OF P-VALUE	0.3	0.2	0.5	0.1	1.5	0.3	0.5
RESPONSE: 01							
P-VALUE	6.8	9.0*	4.9*	5.8*	12.8	7.4	6.5
SE OF P-VALUE	0.9	1.6	0.7	1.1	3.5	1.5	1.1
RESPONSE: 02							
P-VALUE	22.6	24.8	20.7	20.9	30.8*	22.0	23.0
SE OF P-VALUE	1.4	2.7	1.5	1.5	2.2	2.4	1.9
RESPONSE: 03							
P-VALUE	38.1	35.9	40.0	39.4	30.1*	38.3	38.0
SE OF P-VALUE	1.8	2.6	2.5	2.0	2.2	3.2	2.1
RESPONSE: 04							
P-VALUE	31.8	29.9	33.4	33.7*	22.5*	31.9	31.7
SE OF P-VALUE	1.8	2.6	2.8	2.1	2.5	2.9	2.3
EXERCISE: 8-A43A06-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.9	1.0	0.8	0.4	4.4*	0.9	0.9
SE OF P-VALUE	0.3	0.3	0.5	0.2	1.4	0.3	0.5
RESPONSE: 01							
P-VALUE	31.3	33.7	29.1	32.7*	23.6*	30.2	31.9
SE OF P-VALUE	1.6	2.6	1.9	2.0	1.8	2.8	2.0

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A43A06-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	44.1	42.0	45.9	43.9	42.7	46.9	42.4
SE OF P-VALUE	1.8	2.2	2.3	2.2	4.1	2.0	2.5
RESPONSE: 03							
P-VALUE	18.0	15.9	19.9	17.3	22.6	15.7	19.4
SE OF P-VALUE	1.6	1.4	2.3	1.7	2.3	2.1	2.3
RESPONSE: 04							
P-VALUE	5.7	7.4	4.2	5.6	6.6	6.3	5.4
SE OF P-VALUE	0.8	1.4	1.0	0.9	1.3	1.2	1.1
EXERCISE: 8-A43A06-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.7	0.7	0.8	0.3	3.9*	0.7	0.8
SE OF P-VALUE	0.3	0.3	0.5	0.2	1.5	0.4	0.5
RESPONSE: 01							
P-VALUE	3.9	4.9	3.1	2.4*	8.6*	4.1	3.9
SE OF P-VALUE	0.7	1.1	0.7	0.8	1.3	1.5	0.7
RESPONSE: 02							
P-VALUE	8.5	10.1	7.2	6.1*	24.1*	7.7	9.0
SE OF P-VALUE	1.0	1.6	0.9	0.9	3.0	1.5	1.4
RESPONSE: 03							
P-VALUE	26.3	26.8	25.8	25.6	28.6	26.5	26.2
SE OF P-VALUE	1.3	1.7	1.6	1.5	2.9	2.3	1.5
RESPONSE: 04							
P-VALUE	60.4	57.5	63.1	65.6*	34.8*	61.1	60.1
SE OF P-VALUE	1.7	2.4	2.1	1.5	5.4	2.0	2.6

How much do you agree or disagree with each of the following statements?

A. I would like more information on how I can save energy.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. I would do more about conserving energy if I knew more about energy saving methods.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. I would like more information on carpooling.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

D. I know all I care to know about saving energy.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

E. I do not care to hear anything more about the energy problems facing our nation.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8-A44A01 818 4

NAEP #:	8-A44A01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Personal Actions
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-04

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A44A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.9	0.9	1.0	0.8	1.5	0.3*	1.3*
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.6	0.2	0.3
RESPONSE: 01							
P-VALUE	60.6	59.9	61.3	60.6	61.4	56.8	62.9
SE OF P-VALUE	1.6	2.7	1.7	1.9	2.2	2.5	2.3
RESPONSE: 02							
P-VALUE	35.3	35.0	35.5	36.0	30.5*	39.1	33.0
SE OF P-VALUE	1.6	2.4	1.9	1.8	2.2	2.2	2.4
RESPONSE: 03							
P-VALUE	1.8	2.6	1.1	1.7	2.9	2.5	1.4
SE OF P-VALUE	0.4	0.8	0.4	0.4	0.9	0.8	0.4
RESPONSE: 04							
P-VALUE	1.3	1.5	1.1	0.9	3.7	1.2	1.4
SE OF P-VALUE	0.4	0.6	0.5	0.4	1.5	0.5	0.6
EXERCISE: 8-A44A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.1	0.9	1.2	1.0	1.4	0.3*	1.6*
SE OF P-VALUE	0.3	0.4	0.4	0.3	0.7	0.2	0.4
RESPONSE: 01							
P-VALUE	55.5	53.2	57.5	55.2	58.7	52.0	57.6
SE OF P-VALUE	2.0	2.7	2.2	2.4	2.9	2.6	2.8
RESPONSE: 02							
P-VALUE	38.5	38.9	38.1	39.1	32.2*	42.4	36.2
SE OF P-VALUE	2.0	2.8	2.2	2.2	3.1	2.7	2.7
RESPONSE: 03							
P-VALUE	3.8	5.6*	2.3*	4.1	3.9	4.2	3.6
SE OF P-VALUE	0.5	1.0	0.5	0.7	1.5	1.3	0.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A44A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	1.1	1.4	0.9	0.6	3.9	1.2	1.1
SE OF P-VALUE	0.4	0.6	0.3	0.3	2.0	0.5	0.6
EXERCISE: 8-A44A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	1.6	1.8	1.4	1.4	2.3	0.7*	2.2*
SE OF P-VALUE	0.4	0.6	0.4	0.4	0.8	0.4	0.5
RESPONSE: 01							
P-VALUE	17.9	15.9	19.6	15.9*	29.9*	17.2	18.3
SE OF P-VALUE	1.5	1.6	2.0	1.5	2.9	1.8	2.0
RESPONSE: 02							
P-VALUE	49.3	49.1	49.5	50.0	46.1	48.9	49.6
SE OF P-VALUE	1.6	2.8	2.4	1.9	3.2	2.8	1.8
RESPONSE: 03							
P-VALUE	24.1	25.5	22.9	25.9*	15.3*	27.1	22.3
SE OF P-VALUE	1.4	2.5	2.1	1.5	2.3	2.5	1.6
RESPONSE: 04							
P-VALUE	7.0	7.7	6.5	6.7	6.4	6.1	7.6
SE OF P-VALUE	1.1	1.5	1.3	1.0	1.3	2.2	1.1
EXERCISE: 8-A44A01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	1.1	0.9	1.2	1.0	1.4	0.3*	1.6*
SE OF P-VALUE	0.3	0.4	0.4	0.3	0.7	0.2	0.4
RESPONSE: 01							
P-VALUE	3.3	4.6	2.2	2.7	7.3	3.4	3.3
SE OF P-VALUE	0.8	1.2	0.9	0.8	2.7	0.9	1.1

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A44A01-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	8.4	9.9	7.0	7.3*	11.6	8.7	8.2
SE OF P-VALUE	0.9	1.4	1.1	1.0	3.2	1.6	1.0
RESPONSE: 03							
P-VALUE	38.6	36.5	40.4	38.8	35.7	42.4	36.3
SE OF P-VALUE	1.9	3.0	2.3	2.1	2.8	2.8	2.7
RESPONSE: 04							
P-VALUE	48.6	48.1	49.1	50.1	44.0	45.3	50.7
SE OF P-VALUE	1.9	3.0	1.9	2.2	3.6	3.1	2.5
EXERCISE: 8-A44A01-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	1.0	0.9	1.1	0.9	1.4	0.3*	1.5*
SE OF P-VALUE	0.3	0.4	0.3	0.3	0.7	0.2	0.4
RESPONSE: 01							
P-VALUE	2.6	3.7	1.7	2.3	5.1	3.1	2.4
SE OF P-VALUE	0.6	0.8	0.8	0.7	1.9	0.9	0.8
RESPONSE: 02							
P-VALUE	3.8	3.5	4.1	2.3*	9.7*	3.7	3.9
SE OF P-VALUE	0.8	1.3	1.0	0.6	2.0	1.3	1.0
RESPONSE: 03							
P-VALUE	27.6	24.6	30.3	27.3	28.2	26.1	28.5
SE OF P-VALUE	1.6	2.3	2.2	1.9	2.3	2.2	2.3
RESPONSE: 04							
P-VALUE	64.9	67.2	62.8	67.1*	55.6*	66.8	63.7
SE OF P-VALUE	1.6	2.8	2.1	2.0	4.2	2.3	2.4

How much do you agree or disagree with each of the following statements?

A. Energy considerations influence me when I buy a car.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. Energy considerations influence me when I travel to work.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. Energy considerations influence me when I heat my house.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

D. Energy considerations influence me when I buy appliances.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

E. Energy considerations influence me when I vote.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8-A44A02-818-4

NAEP #: 8-A44A02-818-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: AFFECTIVE

Reporting Theme: Seriousness of the Energy Problems

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-11

EXERCISE: 8-A44A02-818-4 PART A (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 00							
P-VALUE	0.5	0.6	0.5	0.3*	2.3*	0.7	0.5
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.5	0.2	0.3
RESPONSE: 01							
P-VALUE	37.0	33.9*	39.6*	39.7*	22.6*	35.4	37.9
SE OF P-VALUE	1.9	2.6	2.1	2.2	2.0	2.0	3.0
RESPONSE: 02							
P-VALUE	46.6	48.3	45.1	46.6	48.4	49.8	44.6
SE OF P-VALUE	1.6	2.6	1.7	1.9	2.3	2.0	2.3
RESPONSE: 03							
P-VALUE	11.7	12.6	11.0	10.2*	20.5*	11.5	11.8
SE OF P-VALUE	1.0	1.6	1.3	1.0	3.0	1.7	1.1
RESPONSE: 04							
P-VALUE	4.2	4.6	3.7	3.2*	6.1	2.5	5.1
SE OF P-VALUE	0.9	1.1	1.0	0.9	0.9	0.5	1.4

EXERCISE: 8-A44A02-818-4 PART B (A002/002)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 00							
P-VALUE	0.8	0.6	0.9	0.6	2.2*	0.7	0.8
SE OF P-VALUE	0.2	0.4	0.4	0.3	0.6	0.2	0.4
RESPONSE: 01							
P-VALUE	27.0	25.1	28.7	27.3	25.3	23.5	29.1
SE OF P-VALUE	1.6	2.1	2.0	2.0	3.0	1.5	2.4
RESPONSE: 02							
P-VALUE	51.4	50.9	51.9	51.3	53.4	54.0	49.8
SE OF P-VALUE	1.8	2.4	2.4	1.9	2.8	2.6	2.3
RESPONSE: 03							
P-VALUE	16.6	18.4	15.1	16.7	15.7	17.2	16.3
SE OF P-VALUE	1.2	1.4	1.6	1.3	2.1	1.5	1.5

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A44A02-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	4.1	5.1	3.3	4.1	3.4	4.5	3.9
SE OF P-VALUE	0.8	1.0	0.9	1.0	0.7	1.1	1.1
EXERCISE: 8-A44A02-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.6	0.6	0.7	0.4	2.4*	0.5	0.7
SE OF P-VALUE	0.3	0.4	0.4	0.2	0.9	0.3	0.4
RESPONSE: 01							
P-VALUE	50.4	47.5	52.9	53.5*	37.1*	46.6	52.7
SE OF P-VALUE	1.7	2.5	2.0	1.9	2.9	2.2	2.5
RESPONSE: 02							
P-VALUE	41.8	44.0	39.8	41.5	41.5	45.9*	39.3*
SE OF P-VALUE	1.5	2.2	1.7	1.8	3.0	2.2	2.0
RESPONSE: 03							
P-VALUE	5.4	5.9	4.9	3.7*	13.7*	5.4	5.4
SE OF P-VALUE	0.9	1.2	1.2	0.8	2.8	1.0	1.2
RESPONSE: 04							
P-VALUE	1.8	1.8	1.7	0.9*	5.4*	1.5	1.9
SE OF P-VALUE	0.3	0.4	0.5	0.3	1.0	0.5	0.4
EXERCISE: 8-A44A02-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.7	0.6	0.8	0.5	2.1*	0.6	0.7
SE OF P-VALUE	0.3	0.4	0.3	0.3	0.6	0.2	0.4
RESPONSE: 01							
P-VALUE	35.0	31.3*	38.2*	35.9	34.3	35.3	34.8
SE OF P-VALUE	1.6	2.3	2.0	1.9	2.7	2.4	2.1

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A44A02-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	49.4	49.6	49.3	50.6	41.8*	51.9	48.0
SE OF P-VALUE	1.6	2.0	2.2	1.7	3.5	2.3	2.2
RESPONSE: 03							
P-VALUE	12.4	15.3*	9.7*	11.1	17.5	11.0	13.2
SE OF P-VALUE	0.9	1.5	1.0	0.9	3.3	1.5	1.0
RESPONSE: 04							
P-VALUE	2.5	3.1	2.0	1.9	4.2	1.1*	3.3*
SE OF P-VALUE	0.5	0.6	0.7	0.3	0.8	0.4	0.8
EXERCISE: 8-A44A02-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	1.1	1.0	1.2	0.9	2.9	0.9	1.3
SE OF P-VALUE	0.3	0.5	0.3	0.4	0.8	0.2	0.5
RESPONSE: 01							
P-VALUE	27.8	26.8	28.7	28.8	25.3	28.4	27.5
SE OF P-VALUE	1.6	2.3	2.0	1.9	2.0	1.9	2.3
RESPONSE: 02							
P-VALUE	44.6	45.1	44.0	45.7	36.2*	44.8	44.4
SE OF P-VALUE	1.5	2.5	1.9	1.8	3.7	2.0	1.8
RESPONSE: 03							
P-VALUE	18.0	17.2	18.7	17.5	21.0	16.2	19.1
SE OF P-VALUE	1.3	2.2	1.6	1.6	3.0	2.0	1.6
RESPONSE: 04							
P-VALUE	8.5	9.9	7.3	7.1	14.5	9.6	7.8
SE OF P-VALUE	1.1	1.6	1.4	1.2	3.2	1.8	1.4

How much do you agree or disagree with each of the following statements?

A. **The government should offer tax incentives to people who make their homes energy efficient (by weather stripping, adding insulation, etc.).**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

B. **The government should offer tax incentives to encourage people to provide energy efficient heating and cooling for their homes.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

C. **To save gasoline, the government should tax new cars that do not get good gas mileage.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

D. **Topics like basic energy knowledge, energy problems, the future of energy, etc. should definitely be an important part of every school's curriculum.**

Strongly Agree	**Agree Moderately**	**Disagree Moderately**	**Strongly Disagree**
○	○	○	○

8-A45A01-818-4

NAEP #:	8-A45A01-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	General Energy Attitudes
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-12

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A45A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.6	0.6	0.6	0.5	1.6	0.9	0.5
SE OF P-VALUE	0.2	0.4	0.3	0.3	0.7	0.4	0.3
RESPONSE: 01							
P-VALUE	50.2	52.3	48.4	53.3*	33.0*	52.3	48.9
SE OF P-VALUE	2.2	2.8	2.6	2.3	5.4	2.9	3.2
RESPONSE: 02							
P-VALUE	36.2	35.3	37.0	35.7	40.0	34.5	37.2
SE OF P-VALUE	1.8	2.6	2.4	2.0	4.0	2.8	2.6
RESPONSE: 03							
P-VALUE	8.9	8.3	9.3	7.2*	18.9*	7.7	9.6
SE OF P-VALUE	0.8	1.2	1.2	0.8	2.3	1.4	1.0
RESPONSE: 04							
P-VALUE	4.1	3.4	4.7	3.4	6.5	4.6	3.7
SE OF P-VALUE	0.6	0.7	1.0	0.5	1.5	1.0	0.8
EXERCISE: 8-A45A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.6	0.6	0.6	0.3	1.8	0.7	0.5
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.8	0.3	0.3
RESPONSE: 01							
P-VALUE	47.3	50.3	44.8	49.1	36.1*	50.6	45.4
SE OF P-VALUE	2.2	3.1	2.5	2.4	5.3	2.7	3.2
RESPONSE: 02							
P-VALUE	39.5	37.0	41.8	40.0	41.3	37.2	41.0
SE OF P-VALUE	1.9	2.4	2.5	2.2	3.9	2.5	2.8
RESPONSE: 03							
P-VALUE	9.7	9.1	10.1	7.8*	17.0*	8.3	10.5
SE OF P-VALUE	0.7	1.5	1.2	0.7	2.1	1.1	1.1

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A45A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	2.9	3.0	2.8	2.8	3.8	3.2	2.7
SE OF P-VALUE	0.5	0.8	0.6	0.5	0.9	0.8	0.6
EXERCISE: 8-A45A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.6	0.4	0.7	0.3	1.8*	0.6	0.5
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.6	0.3	0.3
RESPONSE: 01							
P-VALUE	31.7	37.7*	26.5*	34.2*	17.5*	33.8	30.5
SE OF P-VALUE	1.9	2.3	2.2	2.1	2.8	3.7	2.3
RESPONSE: 02							
P-VALUE	28.1	24.4*	31.3*	28.3	25.9	25.4	29.8
SE OF P-VALUE	1.6	2.2	1.9	1.7	3.0	2.9	2.0
RESPONSE: 03							
P-VALUE	23.4	21.1	25.5	22.9	27.0	22.9	23.7
SE OF P-VALUE	1.2	2.1	1.8	1.4	2.4	1.6	1.7
RESPONSE: 04							
P-VALUE	16.2	16.4	16.0	14.2*	27.8*	17.3	15.5
SE OF P-VALUE	1.4	1.8	1.8	1.5	2.5	2.2	1.8
EXERCISE: 8-A45A01-818-4 PART D (A004/004)							
RESPONSE: 00							
P-VALUE	0.6	0.6	0.6	0.3*	2.3*	0.8	0.5
SE OF P-VALUE	0.2	0.4	0.3	0.2	0.6	0.3	0.3
RESPONSE: 01							
P-VALUE	61.2	61.1	61.2	64.7*	42.7*	61.7	60.9
SE OF P-VALUE	1.8	2.4	2.3	2.0	3.5	2.1	2.7

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A45A01-818-4 PART D (A004/004)							
RESPONSE: 02							
P-VALUE	33.6	32.6	34.6	31.7*	43.3*	33.5	33.7
SE OF P-VALUE	1.6	2.2	2.4	1.9	3.1	2.0	2.4
RESPONSE: 03							
P-VALUE	3.1	3.5	2.8	2.6*	5.9*	3.2	3.1
SE OF P-VALUE	0.5	0.6	0.8	0.6	1.4	0.7	0.8
RESPONSE: 04							
P-VALUE	1.4	2.2*	0.7*	0.7*	5.8*	0.8	1.8
SE OF P-VALUE	0.4	0.7	0.3	0.4	1.5	0.3	0.7

Would you be willing to have each of the following energy producers built within 25 miles of your home? Fill in one oval in each box.

		Yes	Maybe	No
A.	**Coal burning power plant**	○	○	○
B.	**Nuclear power plant**	○	○	○
C.	**Coal gasification plant**	○	○	○
D.	**Large solar energy collectors**	○	○	○
E.	**Large windmills**	○	○	○
F.	**Dam with hydroelectric plant**	○	○	○
G.	**Oil shale processing plant**	○	○	○
H.	**Geothermal power plant**	○	○	○

8-A45A02-818-4

NAEP #:	8-A45A02-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	Environmental Hazards
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-13

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A45A02-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.8	1.0	0.7	0.7	1.9	1.2	0.5
SE OF P-VALUE	0.4	0.7	0.4	0.4	1.3	0.8	0.3
RESPONSE: 01							
P-VALUE	14.2	21.7*	7.7*	15.4*	8.5*	11.6*	15.9*
SE OF P-VALUE	0.9	1.7	1.0	1.1	1.7	1.2	1.4
RESPONSE: 02							
P-VALUE	36.5	38.1	35.1	37.7	33.0	38.0	35.6
SE OF P-VALUE	1.7	2.5	1.9	2.0	2.7	2.4	1.9
RESPONSE: 03							
P-VALUE	48.4	39.2*	56.5*	46.2*	56.5*	49.1	48.0
SE OF P-VALUE	1.6	2.5	2.0	1.9	2.8	2.4	2.0
EXERCISE: 8-A45A02-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.0	1.0	0.9	1.0	1.3	1.2	0.8
SE OF P-VALUE	0.5	0.7	0.6	0.5	0.6	0.8	0.5
RESPONSE: 01							
P-VALUE	19.8	32.6*	8.5*	21.8*	10.9*	21.4	18.8
SE OF P-VALUE	1.4	2.5	1.0	1.6	1.9	2.2	1.8
RESPONSE: 02							
P-VALUE	25.2	25.1	25.2	25.1	26.0	23.1	26.4
SE OF P-VALUE	1.4	2.1	1.8	1.7	2.2	2.6	1.4
RESPONSE: 03							
P-VALUE	54.1	41.3*	65.3*	52.1*	61.8*	54.2	54.0
SE OF P-VALUE	2.0	2.9	2.0	2.3	2.8	3.4	2.4

EXERCISE: 8-A45A02-818-4 PART C (A003/003)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 00							
P-VALUE	1.2	1.2	1.2	0.9	3.8*	1.7	0.9
SE OF P-VALUE	0.4	0.7	0.4	0.4	1.2	0.8	0.3
RESPONSE: 01							
P-VALUE	11.4	18.6*	5.1*	12.6*	5.3*	13.3	10.3
SE OF P-VALUE	0.9	1.7	0.9	0.9	1.1	1.5	0.8
RESPONSE: 02							
P-VALUE	41.1	44.1	38.4	42.7	32.6*	40.7	41.3
SE OF P-VALUE	1.3	1.9	2.2	1.6	2.6	2.2	1.8
RESPONSE: 03							
P-VALUE	46.3	36.1*	55.3*	43.8*	58.3*	44.3	47.5
SE OF P-VALUE	1.6	2.6	2.3	1.9	3.2	2.8	2.1

EXERCISE: 8-A45A02-818-4 PART D (A004/004)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
RESPONSE: 00							
P-VALUE	1.0	1.5	0.6	0.8	2.8	2.0	0.5
SE OF P-VALUE	0.4	0.8	0.3	0.4	1.5	0.9	0.3
RESPONSE: 01							
P-VALUE	59.3	70.8*	49.3*	65.6*	25.3*	63.3	56.9
SE OF P-VALUE	2.4	2.7	3.0	2.5	4.4	3.2	3.7
RESPONSE: 02							
P-VALUE	25.6	18.6*	31.8*	23.9	34.2*	21.5	28.1
SE OF P-VALUE	1.7	2.0	2.4	1.9	2.9	2.8	2.1
RESPONSE: 03							
P-VALUE	14.0	9.1*	18.3*	9.6*	37.7*	13.2	14.5
SE OF P-VALUE	1.5	1.7	1.8	1.4	3.3	2.5	2.0

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A45A02-818-4 PART E (A005/005)							
RESPONSE: 00							
P-VALUE	0.7	1.0	0.5	0.7	1.2	1.3	0.4
SE OF P-VALUE	0.3	0.7	0.2	0.4	0.5	0.8	0.2
RESPONSE: 01							
P-VALUE	66.4	75.3*	58.6*	73.4*	32.1*	69.6	64.5
SE OF P-VALUE	2.2	2.5	2.6	2.3	4.3	2.5	3.3
RESPONSE: 02							
P-VALUE	23.5	17.6*	28.6*	20.3*	37.6*	18.6*	26.4*
SE OF P-VALUE	1.8	2.5	2.0	1.9	5.6	1.7	2.8
RESPONSE: 03							
P-VALUE	9.4	6.1*	12.3*	5.6*	29.1*	10.5	8.7
SE OF P-VALUE	0.9	1.1	1.6	0.9	3.0	1.5	1.3
EXERCISE: 8-A45A02-818-4 PART F (A006/006)							
RESPONSE: 00							
P-VALUE	1.2	1.4	1.1	0.8	3.8*	1.7	0.9
SE OF P-VALUE	0.4	0.7	0.4	0.4	1.3	0.8	0.4
RESPONSE: 01							
P-VALUE	33.8	44.5*	24.3*	37.7*	14.6*	34.2	33.5
SE OF P-VALUE	2.3	3.0	2.3	2.5	3.6	2.8	3.1
RESPONSE: 02							
P-VALUE	31.6	25.4*	37.1*	32.1	30.5	30.4	32.3
SE OF P-VALUE	1.6	2.1	2.8	1.7	2.1	2.6	2.0
RESPONSE: 03							
P-VALUE	33.4	28.8*	37.5*	29.4*	51.1*	33.8	33.2
SE OF P-VALUE	2.6	3.1	2.9	2.6	3.5	4.0	3.3

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A45A02-818-4 PART G (A007/007)							
RESPONSE: 00							
P-VALUE	1.4	1.9	1.0	1.3	1.7	2.6	0.7
SE OF P-VALUE	0.4	0.8	0.4	0.5	0.9	1.0	0.3
RESPONSE: 01							
P-VALUE	10.7	18.2*	4.1*	11.4	9.4	10.6	10.7
SE OF P-VALUE	1.0	2.1	0.8	1.3	2.2	1.7	1.3
RESPONSE: 02							
P-VALUE	39.5	40.8	38.4	41.3*	34.3	38.7	40.0
SE OF P-VALUE	2.3	3.2	2.2	2.5	4.2	2.2	3.3
RESPONSE: 03							
P-VALUE	48.4	39.1*	56.5*	45.9*	54.6	48.1	48.6
SE OF P-VALUE	2.4	3.3	2.4	2.6	3.7	2.7	3.3
EXERCISE: 8-A45A02-818-4 PART H (A008/008)							
RESPONSE: 00							
P-VALUE	1.4	1.8	1.1	1.1	3.0	2.5	0.7
SE OF P-VALUE	0.5	0.8	0.4	0.5	1.5	1.0	0.4
RESPONSE: 01							
P-VALUE	21.1	34.9*	8.9*	24.2*	8.1*	22.0	20.5
SE OF P-VALUE	1.2	1.9	1.2	1.4	1.9	2.4	1.4
RESPONSE: 02							
P-VALUE	45.5	41.8	48.8	47.4*	37.3*	45.9	45.3
SE OF P-VALUE	1.9	2.4	2.7	2.0	3.2	2.1	2.7
RESPONSE: 03							
P-VALUE	32.0	21.5*	41.2*	27.3*	51.6*	29.6	33.4
SE OF P-VALUE	2.1	2.4	2.7	2.3	3.4	2.9	2.9

How much do you agree or disagree with each of the following statements?

A. The government is really trying to solve our energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

B. Industry is really trying to solve our energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

C. Consumers are really trying to solve our energy problems.

Strongly Agree	Agree Moderately	Disagree Moderately	Strongly Disagree
○	○	○	○

8-A46A01-818-4

NAEP #: 8-A46A01-818-4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: AFFECTIVE

Reporting Theme: General Energy Attitudes

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-10

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A46A01-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	0.5	0.4	0.5	0.1	3.1*	0.3	0.6
SE OF P-VALUE	0.2	0.2	0.4	0.1	1.3	0.2	0.3
RESPONSE: 01							
P-VALUE	13.6	13.0	14.2	10.7*	23.6*	13.1	13.9
SE OF P-VALUE	1.0	1.9	1.3	1.0	3.1	1.2	1.3
RESPONSE: 02							
P-VALUE	49.4	44.2*	54.0*	50.0	47.2	46.6	51.1
SE OF P-VALUE	1.7	2.5	2.0	1.9	3.5	2.9	2.0
RESPONSE: 03							
P-VALUE	26.5	27.9	25.3	28.7*	20.4*	30.0	24.4
SE OF P-VALUE	1.2	1.6	1.7	1.6	1.9	2.6	1.4
RESPONSE: 04							
P-VALUE	10.0	14.4*	6.0*	10.4	5.8*	10.0	9.9
SE OF P-VALUE	1.0	1.6	1.2	1.0	1.1	1.7	1.2
EXERCISE: 8-A46A01-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	0.5	0.4	0.6	0.1	3.2*	0.3	0.6
SE OF P-VALUE	0.2	0.2	0.4	0.1	1.3	0.2	0.3
RESPONSE: 01							
P-VALUE	6.6	6.7	6.5	4.5*	16.8*	6.8	6.5
SE OF P-VALUE	1.1	1.5	1.5	0.8	4.2	1.2	1.5
RESPONSE: 02							
P-VALUE	33.3	33.2	33.4	30.8*	43.2*	32.4	33.9
SE OF P-VALUE	1.6	2.4	1.8	1.7	3.1	2.3	2.3
RESPONSE: 03							
P-VALUE	39.5	34.2*	44.1*	42.5*	24.4*	38.4	40.1
SE OF P-VALUE	2.0	3.0	2.1	2.0	2.7	3.1	2.8

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
EXERCISE: 8-A46A01-818-4 PART B (A002/002)							
RESPONSE: 04							
P-VALUE	20.1	25.4*	15.5*	22.1*	12.2*	22.1	19.0
SE OF P-VALUE	1.4	2.1	1.8	1.5	2.3	2.3	1.7
EXERCISE: 8-A46A01-818-4 PART C (A003/003)							
RESPONSE: 00							
P-VALUE	0.4	0.3	0.6	0.1	2.7*	0.1	0.6
SE OF P-VALUE	0.2	0.2	0.4	0.1	1.2	0.1	0.3
RESPONSE: 01							
P-VALUE	6.2	6.6	5.9	5.3	11.9*	6.0	6.4
SE OF P-VALUE	0.9	1.3	1.0	1.0	2.5	1.3	1.3
RESPONSE: 02							
P-VALUE	36.6	31.4*	41.1*	35.6	49.1*	35.6	37.2
SE OF P-VALUE	1.5	2.2	2.0	1.7	2.9	1.7	2.1
RESPONSE: 03							
P-VALUE	41.4	40.9	41.9	42.9	25.0*	42.1	41.0
SE OF P-VALUE	1.8	2.8	2.0	1.9	2.6	3.3	1.9
RESPONSE: 04							
P-VALUE	15.3	20.8*	10.5*	16.0	11.2*	16.1	14.8
SE OF P-VALUE	1.2	2.1	1.1	1.2	2.0	2.1	1.2

When you have to travel one-half mile or less (to go to the store, the post office, etc.) how do you usually go? Fill in only one oval.

○ Drive or ride in a car
○ Walk
○ Ride a bike
○ Ride on a bus
○ Take a taxi
○ Other

8-A46A02-018-4

NAEP #: 8-A46A02-018-4
ASSESSMENT PROBE AREA: ENERGY
TAXONOMY: AFFECTIVE

Reporting Theme: Personal Actions

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-16

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A46A02-818-4 (A001/001)							
RESPONSE: 00							
P-VALUE	0.4	0.2	0.5	0.2	0.7	0.3	0.4
SE OF P-VALUE	0.2	0.2	0.3	0.1	0.5	0.1	0.2
RESPONSE: 01							
P-VALUE	57.4	59.5	55.6	56.3	66.6	58.5	56.8
SE OF P-VALUE	2.4	3.3	2.9	2.2	6.4	3.1	3.5
RESPONSE: 02							
P-VALUE	32.6	28.7	36.1	34.2	25.1	34,2	31.7
SE OF P-VALUE	2.2	3.1	3.0	2.2	5.8	2.9	3.0
RESPONSE: 03							
P-VALUE	7.0	8.2	6.0	7.1	3.8*	4.8	8.4
SE OF P-VALUE	1.1	1.7	1.0	0.9	1.6	1.0	1.7
RESPONSE: 04							
P-VALUE	0.8	0.8	0.8	0.3*	3.1*	1.0	0.7
SE OF P-VALUE	0.3	0.4	0.3	0.2	1.0	0.4	0.3
RESPONSE: 05							
P-VALUE	0.0	0.0	0.0	0.0	0.1	0.0	0.0
SE OF P-VALUE	0.0	0.0	0.0	0.0	0.1	0.0	0.0
RESPONSE: 06							
P-VALUE	1.7	2.5	1.0	1.9	0.6	1.3	2.0
SE OF P-VALUE	0.4	0.8	0.4	0.5	0.6	0.4	0.7

For this kind of exercise, fill in only one oval for each part.

A. In your opinion, which one of the following is most responsible for contributing to the severity of our energy problems?

○ Federal government
○ Oil companies
○ Governments of oil exporting countries
○ Utility companies
○ Consumers
○ Environmentalists

B. In your opinion, who should take most of the responsibility for solving energy problems?

○ Federal government
○ Oil companies
○ Governments of oil exporting countries
○ Utility companies
○ Consumers
○ Environmentalists

8 A46A03 818 4

NAEP #:	8-A46A03-818-4
ASSESSMENT PROBE AREA:	ENERGY
TAXONOMY:	AFFECTIVE
Reporting Theme:	General Energy Attitudes
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	04-15

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A46A03-818-4 PART A (A001/001)							
RESPONSE: 00							
P-VALUE	1.2	1.4	1.0	0.9	3.3	1.6	1.0
SE OF P-VALUE	0.4	0.5	0.4	0.4	1.5	0.8	0.5
RESPONSE: 01							
P-VALUE	23.4	23.9	23.0	22.9	25.3	21.7	24.4
SE OF P-VALUE	1.5	2.5	2.2	1.7	4.2	2.2	2.1
RESPONSE: 02							
P-VALUE	19.3	19.2	19.4	21.0*	12.4*	22.3	17.5
SE OF P-VALUE	1.4	2.3	2.4	1.6	1.6	2.8	1.5
RESPONSE: 03							
P-VALUE	12.6	11.7	13.4	11.2*	23.5*	13.2	12.3
SE OF P-VALUE	1.0	1.6	1.2	1.0	3.2	1.1	1.4
RESPONSE: 04							
P-VALUE	4.8	3.8	5.6	4.1	10.5*	3.8	5.3
SE OF P-VALUE	0.7	0.7	1.1	0.6	2.9	0.7	1.1
RESPONSE: 05							
P-VALUE	32.9	34.3	31.6	35.8*	14.3*	31.8	33.5
SE OF P-VALUE	2.0	2.9	2.0	2.0	3.4	3.3	2.7
RESPONSE: 06							
P-VALUE	5.8	5.7	5.9	4.0*	10.6	5.5	6.0
SE OF P-VALUE	0.8	1.1	1.3	0.6	3.4	1.3	1.3
EXERCISE: 8-A46A03-818-4 PART B (A002/002)							
RESPONSE: 00							
P-VALUE	1.2	1.3	1.1	1.0	3.1	1.1	1.3
SE OF P-VALUE	0.4	0.6	0.3	0.4	1.5	0.6	0.6
RESPONSE: 01							
P-VALUE	55.5	55.5	55.5	56.4	51.2	58.7	53.6
SE OF P-VALUE	1.7	2.7	2.4	1.7	4.9	2.4	2.4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-A46A03-818-4 PART B (A002/002)							
RESPONSE: 02							
P-VALUE	5.2	6.7	3.9	5.5	4.7	6.1	4.7
SE OF P-VALUE	0.8	1.4	0.7	0.9	1.2	1.3	1.0
RESPONSE: 03							
P-VALUE	4.3	3.4	5.0	2.4*	13.6*	3.5	4.7
SE OF P-VALUE	0.7	0.8	1.1	0.5	2.8	0.6	1.0
RESPONSE: 04							
P-VALUE	2.6	2.7	2.5	2.0	3.7	3.0	2.4
SE OF P-VALUE	0.7	0.8	0.7	0.5	1.3	0.9	0.7
RESPONSE: 05							
P-VALUE	26.6	27.6	25.7	28.5*	17.0*	22.8	28.8
SE OF P-VALUE	1.7	2.7	2.1	2.0	2.1	2.4	2.4
RESPONSE: 06							
P-VALUE	4.6	2.7*	6.2*	4.2	6.7	4.8	4.5
SE OF P-VALUE	0.5	0.5	0.9	0.6	2.2	0.8	0.7

Some people think that the solution to coal, gas and oil shortages is to switch over to electricity. In other words, if we run out of gas and oil we can just switch over to electric cars. What is wrong with this idea?

- ● Most electricity is produced from coal, gas and oil.
- ○ If we switch over to electricity many people will lose their jobs.
- ○ It has been proven that it is impossible to build electric cars in great quantities.
- ○ Electricity is far too expensive.
- ○ There is nothing wrong with this idea.

- ○ I don't know.

8 C63 10 818 2,3,4

NAEP ID: 8-C63C10-818-2, 3, 4

ASSESSMENT PROBE AREA: ENERGY

TAXONOMY: COGNITIVE

Reporting Theme: Basic Energy Facts

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 04-39

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
EXERCISE: 8-C63C10-818-234 (A001/001)							
RESPONSE: 00							
P-VALUE	0.3	0.2	0.3	0.2	0.8	0.4	0.2
SE OF P-VALUE	0.1	0.2	0.2	0.1	0.5	0.2	0.1
RESPONSE: 01*							
P-VALUE	61.4	69.2*	54.6*	66.9*	33.8*	63.1	60.4
SE OF P-VALUE	1.6	2.2	1.8	1.7	1.9	2.2	2.3
RESPONSE: 02							
P-VALUE	3.6	3.1	4.1	2.8*	8.6*	2.7	4.2
SE OF P-VALUE	0.5	0.8	0.7	0.6	1.4	0.8	0.7
RESPONSE: 03							
P-VALUE	4.7	2.3*	6.8*	3.8	9.6*	2.3*	6.2*
SE OF P-VALUE	0.8	0.9	1.2	0.8	2.3	0.6	1.1
RESPONSE: 04							
P-VALUE	13.1	6.9*	18.6*	11.6*	19.7*	11.3	14.1
SE OF P-VALUE	1.2	1.7	1.4	1.4	3.0	1.9	1.4
RESPONSE: 05							
P-VALUE	6.6	8.4*	5.1*	6.1	5.8	7.3	6.2
SE OF P-VALUE	0.9	1.4	1.0	1.0	1.4	1.8	1.0
RESPONSE: 09#							
P-VALUE	10.2	9.9	10.5	8.6*	21.7*	12.8*	8.7*
SE OF P-VALUE	0.9	1.2	1.2	1.0	2.3	1.2	1.3

THE READING SURVEY

This section of the technical volume contains information about the reading survey administered to young adults (ages 26 to 35) during the summer of 1977.[1] Readers desiring information about the assessment of young adults in science should contact National Assessment.

The development of the adult reading assessment began in 1976, when National Assessment consulted with several individuals who helped select reading items. The task undertaken by these consultants involved selecting approximately 40 minutes of reading items from a pool of 60 reading items previously administered in the 1970-71 assessment of young adults in reading.[2] The final selection of 18 items (7 released and 11 unreleased from the first assessment) was based on skill assessed, content, readability and timing.

The assessment of a national probability sample of approximately 1,300 adults was administered by trained interviewers. Each adult was asked to complete a background questionnaire and from one to four test booklets; the reading survey was one of the four. Each respondent read the questions and recorded his or her answers in the appropriate booklet. The estimated completion time for each booklet was 45 minutes, but respondents were asked to work until they had completed all the questions.

Exercises, Documentation Pages and Data Tables

Each exercise in this section is immediately followed by its accompanying documentation page and data table. Following is a sample of this format.

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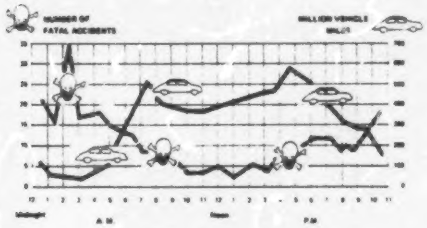
[1] The complete volume, Technical Information and Data From the 1977 Young Adult Assessment of Health, Energy and Reading, can be ordered from National Assessment for $15.00. Cost of separate sets: Health, $6.00; Energy, $7.80; Reading, $1.65.

[2] Booklets describing the objectives and their development are available from the Educational Resources Information Center (ERIC) or National Assessment. Refer to Reading Objectives, 1970, ED 041 010, when ordering. Cost: $1.00.

Sample Reading Exercise

Read the passage and look at the chart, then answer the question below it.

This chart shows the number of fatal accidents (broken line) and the number of vehicle miles (solid line) in California, arranged according to the hour of the day.



All but one of the following factual conclusions can be reached from the data presented. Which statement goes beyond the data given in the chart?

○ Fewer fatal accidents occur during the day than at night.

○ Driving at a time when most people would be sleepy is dangerous.

● Eating a good lunch tends to keep drivers alert to driving hazards.

○ Traffic becomes heavier at the end of the working day than at the beginning.

○ Just because there are few vehicles on the road is no reason to relax one's safety precautions.

○ I don't know.

Sample Reading Documentation Page

RELEASE #:	R220
NAEP #:	7-303058-228-4
ASSESSMENT AREA:	READING
MAJOR OBJECTIVE:	Use What Is Read
SUBOBJECTIVE:	Obtain information efficiently
Exercise-Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	01-14
Copyright Information:	Glenn, Harold T. Youth at the Wheel. 2nd ed., Peoria, Ill.: Charles A. Bennett Co., Inc., 1965.

Sample Reading Data Table

EXERCISE: 7-303058-228-4

RESPONSE: 03* (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	DCSUP	HCESP
YR8 P-VALUE	43.6	46.4	41.1	49.3*	[illegible]	46.0	42.0
YR8 SE OF P-VALU	1.8	2.3	2.5	1.9	2.2	3.5	2.1
YR2 P-VALUE	42.2	47.1*	38.4*	45.1*	24.7*	43.8	41.1
YR2 SE OF P-VALU	2.2	2.6	2.4	2.1	5.3	3.3	2.7

How To Read the Sample Data Table

The sample data table displays results for Exercise 7-303058-228-4. Data tables are ordered numerically by their unique NAEP identification numbers. The data table following each documentation page displays the 1976-77 and 1970-71 results for the correct answer to the exercise shown in this volume. The names of the reporting groups are displayed across the top of the data tables, and the exercise parts are listed down the page in alphabetical order.

Results for each part of multipart exercises are reported separately and are designated by exercise-part labels. When an exercise contains only one question or part, as in the sample exercise, the exercise-part label is not printed. Each exercise part corresponds to a data tape field position number. For example, part A corresponds to (A001/001), part B corresponds to (A002/002), part C corresponds to (A003/003), etc.

Data for only the correct response for each assessment cycle are given, although this response category number is marked with an asterisk (used in National Assessment data tables to indicate the correct choice). The response category number (03*) in the sample data table can be used to reference categories in other National Assessment materials. Percentages (p-values) and their standard errors (SE of p-values) for both the nation and selected groups are presented across the data tables. Each set of percentages and standard errors is designated by the assessment year. The sample data table shows results for 1976-77 (Year 08) and 1970-71 (Year 02).

The data table shows that the national percentage of young adults choosing the correct response (03*) in 1976-77 was 43.6%; in 1970-71, it was 42.2%. Notice that the 1970-71 p-values, or percentages, for whites, blacks, males and females have asterisks, but in 1976-77, only whites and blacks have asterisks. When considering the race data for both assessment cycles, the asterisk means that 95 out of 100 times young adults who are white would perform above the national level while young adults who are black would perform below the nation, since the difference between each of these groups and the nation is more than twice the standard error of that difference.

Consultants Who Participated in the Selection of Items for the Reading Assessment

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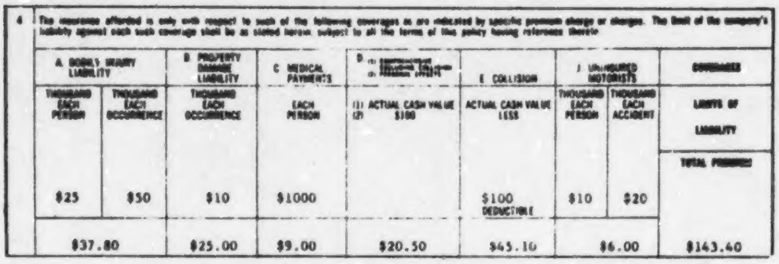
Below is an excerpt from an auto insurance policy. Look at it carefully and then answer the questions which follow it.



4 The insurance afforded is only with respect to such of the following coverages as are indicated by specific premium charge or charges. The limit of the company's liability against each such coverage shall be as stated herein, subject to all the terms of this policy having reference thereto.

A. BODILY INJURY LIABILITY		B. PROPERTY DAMAGE LIABILITY	C. MEDICAL PAYMENTS	D. [illegible]	E. COLLISION	J. UNINSURED MOTORISTS		COVERAGES
THOUSAND EACH PERSON	THOUSAND EACH OCCURRENCE	THOUSAND EACH OCCURRENCE	EACH PERSON	(1) ACTUAL CASH VALUE (2) $100	ACTUAL CASH VALUE LESS	THOUSAND EACH PERSON	THOUSAND EACH ACCIDENT	LIMITS OF LIABILITY
$25	$50	$10	$1000		$100 DEDUCTIBLE	$10	$20	TOTAL PREMIUM
$37.80		$25.00	$9.00	$20.50	$45.10	$6.00		$143.40

A. What is the maximum amount for which this policy covers medical bills?

● $ 1,000

○ $ 5,000

○ $10,000

○ $25,000

○ I don't know.

(Continued)

B. What is the maximum amount this policy would pay in case you injured another person in an automobile accident?

○ $ 25
○ $ 1,000
○ $ 5,000
● $25,000

○ I don't know.

7 099019 228 4

RELEASE #:	N236
NAEP #:	7-099019-228-4
ASSESSMENT AREA:	READING
MAJOR OBJECTIVE:	Multiple Major Objective
SUBOBJECTIVE:	No assigned subobjective
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	01-15

EXERCISE: 7-099019-228-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UP	MC&SP
PART A RESPONSE: 01* (A001/001)							
YR8 P-VALUE	86.0	83.2*	88.4*	88.4*	75.6*	81.7*	88.6
YR8 SE OF P-VALUE	1.5	2.0	1.4	1.4	3.9	3.0	1.6
YR2 P-VALUE	89.8	87.7*	91.3*	92.1*	76.6*	88.7	90.4
YR2 SE OF P-VALUE	1.0	1.5	1.1	1.0	3.5	1.8	1.2
PART B RESPONSE: 04* (A002/002)							
YR8 P-VALUE	46.4	56.1*	37.9*	51.6*	20.1*	45.9	46.7
YR8 SE OF P-VALUE	1.7	2.3	2.0	2.0	1.7	3.1	2.0
YR2 P-VALUE	40.6	54.8*	29.6*	43.9*	21.1*	36.1	43.5
YR2 SE OF P-VALUE	2.2	2.9	2.2	1.8	6.5	4.0	2.0

O summer, where is thy sting? Gone—practically—if you can follow these hints for foiling those bite-size insects

How to Bug a Mosquito

Condensed from Reporter Dispatch

JEAN GEORGE

IT'S QUITE simple. After years of research on the mosquito, carrier of some two-dozen diseases such as malaria and yellow fever, entomologists are at last passing along information that a lot of us have been itching to hear—how to keep from being bitten. If you don't want to be chewed up by mosquitoes this summer, there are effective repellents on the market. But if you should be caught afield without one, ponder what the men of science have learned.

Male mosquitoes don't bite at all, but in most species the female needs her nip of blood to develop her eggs. In fulfilling this need, she finds you by the strange and esoteric signals you emit. To jam them is the trick.

In experiments, entomologists have discovered that mosquitoes prefer skin that is warm—over 90 degrees F. Human beings' skin temperatures vary, but the average is between 87 and 95 degrees. This may explain why there are always a few maddening individuals at a summer gathering who say, "That's funny, I'm not being bitten at all."

The entomological conclusion: take cold showers—every ten min-

7-103015-228-4

(Continued)

utes or so!—to lower your skin temperature. You might also give up alcoholic beverages and mild exercise—both warm the skin several degrees. (Exercise violent enough to cause profuse sweating tends to discourage mosquitoes.) And while you're at it, wear only light-colored clothing. Like most insects, mosquitoes have definite color preferences; many kinds are attracted to black, dark reds and blues. White, yellow and light green are the least appealing.

It has been observed that *Culex pipiens*, the common rain-barrel mosquito, which chooses to circle and hover before striking, would rather bite birds than people. (Mosquitoes bite birds at the base of the beak and on the feet to get around the feather problem.) Therefore, the next time this whiny pest gets after you, try sitting next to a pigeon or a chicken. And bear in mind that some species appear to like cows best of all.

Carbon dioxide seems to provide a directional guide for mosquitoes, and heavy breathing attracts them in either darkness or daylight. This explains why so many bites occur around a person's head, and why it is best not to swing angrily at mosquitoes, raising not only your temperature but your breathing rate. Thus, when you are kept awake by that single, buzzing, unlocatable *Culex* in the bedroom, pull the sheet over your head and lie still. I tried this last summer. In the morning, I found the mosquito on the screen full of blood; but the dog was scratching, not I.

Mosquitoes feed on nectar, and they like picnic spreads of fruit and sweets. It has been further determined that *Aedes Aegypti*, a member of the dive-bombing branch of the mosquito family, prefers men to women. A word, therefore, to the girls: if the mosquito attacking you doesn't hover or whine, look for a man.

If you are really serious about the mosquito problem, you might try breaking up their breeding cycle by humming. For some reason best known to mosquitoes, great clouds of males gather regularly of a summer evening on the lee side of projecting objects—church steeples, house gables or tree limbs. Marston Bates, an entomologist at the University of Michigan, has interrupted many male swarms by humming middle C; they break formation and gather around him. Many a male has also been lured away from his life's job by the humming of high-tension wires.

But chances are you're still going to get bitten. What happens then? Entomologists W. Lumsden and R. Gordon watched, through a microscope, a mosquito in action on a frog's foot. After the mosquito's beak penetrated the skin, it bent, twisted and turned as it searched for a capillary. It passed through muscle and tissue as if they were water. When it located a blood vessel, the beak again turned as much as a quarter of its length. Then the

7-103015-228-4

(Continued)

pumps in the mosquito's abdomen started to suck blood, drawing out almost twice the insect's weight. When the mosquito was replete, the pumps shut off and the beak was withdrawn with a thrust from her feet.

During the average 17- to 30-day span of her active adult life, a mosquito goes on a biting spree every two or three days. Each time, she injects tiny amounts of allergen, which cause the wheal—the reddened blotch and the itch. There are two major itching reactions to a mosquito bite: the immediate, which occurs within a few minutes; and the delayed, which starts one to five days later. Children who have never been bitten do not react until they have had several bites. At first, they show only the delayed reaction; then finally, both.

Some people who are bitten frequently begin to lose the reactions; bitten often enough, they may become immune. Many who spend whole summers in the woods never even feel the bites.

Today there are shots that will immunize people against mosquito-bite itches. These work on some but not all mosquito species—and there are 2426 known species around the world. A writer visiting Bangkok last February had built up an immunity to *Aedes*, but she reacted so violently to bites of the Bangkok mosquito that she had to be treated by a doctor.

Mosquitoes require water to complete the larval and pupal stages of their life cycle. Many varieties lay their eggs in ponds, marshes or even streams. Others prefer the water in tin cans, rain gutters or mud puddles. Some drop their eggs in mud to wait for rain. Some tropical varieties lay their eggs high in tree holes filled with water, or in moisture collecting at the base of aerial plants.

In the tropics, altitude can be an effective ally for the determined mosquito-phobe. For example, Bernardo Zea, a 19th-century missionary in the tropics, observed that the local mosquito was a ground breeder and flew no higher than 12 to 15 feet. So he constructed a platform high in a palm tree to which he would climb at dusk. Similarly, a botanist in the Virgin Islands climbs a ladder to his porch roof during the twilight and makes himself comfortable.

But what works in the tropics may fail elsewhere. One evening in Maine last summer, when the whining females were thick, I decided to try climbing high into the branches of a hemlock. The persistent swarms followed me aloft and chewed me alive.

When I reported this to a friend the following day, he laughed and urged me to climb a much taller tree. Scratching madly, I told him that I was in no mood to experiment further. "I would much rather," I assured him, "take cold showers, give up mild exercise and cocktail parties, hold my breath and hum."

7-103015-228-4

(Continued)

(1) Mosquitoes in most species use blood

○ for nourishment.
○ to feed their larvae.
● to develop their eggs.
○ to fertilize female mosquitoes.

○ I don't know.

(2) Mosquitoes prefer skin which is

○ moist.
○ dry and cool.
● over 90 degrees Fahrenheit.
○ between 80 and 87 degrees Fahrenheit.

○ I don't know.

(3) Many mosquito bites occur around the head because

○ the richest blood is found in the head.
○ it is the easiest part of the body for the mosquito to find.
○ mosquitoes are attracted to the movement of the eyes and mouth.
● carbon dioxide from breathing provides a directional guide for mosquitoes.

○ I don't know.

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(Continued)

(4) It is possible to break up a breeding cycle by

● humming.
○ whistling loudly.
○ spraying the area with water.
○ shining bright lights on the mosquitoes.

○ I don't know.

(5) A mosquito sucking blood draws out an amount

○ equal to its weight.
● almost twice its weight.
○ about half of its weight.
○ as much as three times its weight.

○ I don't know.

7-103015 228 4

RELEASE #:	No assigned release number
NAEP #:	7-103015-228-4
ASSESSMENT AREA:	READING
MAJOR OBJECTIVE:	Comprehend What Is Read
SUBOBJECTIVE:	Read paragraphs, passages, and longer works
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	01-01
Copyright Information:	George, Jean. "How to Bug a Mosquito." The Reader's Digest, July 1968, pp. 149-51. Reprinted with permission of the July 1968 Reader's Digest.

EXERCISE: 7-103015-228-4

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART 1 RESPONSE: 03* (A001/001)							
YR8 P-VALUE	64.5	66.0	63.2	65.8	58.5	61.9	66.1
YR8 SE OF P-VALUE	1.6	2.3	1.9	1.9	3.9	3.2	2.1
YR2 P-VALUE	69.8	71.1	68.7	70.1	64.9	68.0	71.0
YR2 SE OF P-VALUE	1.9	2.9	2.0	1.9	4.9	3.4	1.8
PART 2 RESPONSE: 03* (A002/002)							
YR8 P-VALUE	80.2	82.7	78.0	84.4*	60.4*	81.7	79.2
YR8 SE OF P-VALUE	1.4	1.7	2.3	1.5	2.2	2.8	1.5
YR2 P-VALUE	76.9	77.0	76.8	80.5*	53.7*	76.1	77.5
YR2 SE OF P-VALUE	1.6	2.1	1.6	1.3	6.9	2.8	1.7
PART 3 RESPONSE: 04* (A003/003)							
YR8 P-VALUE	82.4	80.6	84.1	87.5*	57.3*	83.2	82.0
YR8 SE OF P-VALUE	1.6	2.2	1.7	1.5	4.5	2.1	2.3
YR2 P-VALUE	85.9	86.7	85.2	89.0*	65.8*	84.5	86.8
YR2 SE OF P-VALUE	1.1	1.6	1.5	1.0	5.3	1.7	1.5
PART 4 RESPONSE: 01* (A004/004)							
YR8 P-VALUE	84.1	84.7	83.7	87.9*	69.0*	84.8	83.7
YR8 SE OF P-VALUE	1.8	2.3	2.0	1.7	4.7	2.9	2.4
YR2 P-VALUE	84.4	83.3	85.3	87.2*	69.2*	82.9	85.5
YR2 SE OF P-VALUE	1.3	1.7	1.8	1.2	4.6	2.0	1.7
PART 5 RESPONSE: 02* (A005/005)							
YR8 P-VALUE	64.8	71.2*	59.4*	68.3*	50.5*	62.6	66.2
YR8 SE OF P-VALUE	2.1	2.4	2.8	2.2	6.6	3.0	3.0
YR2 P-VALUE	63.2	70.8*	57.0*	65.8*	45.3*	59.6	65.7
YR2 SE OF P-VALUE	2.0	2.5	2.6	1.9	3.8	2.9	2.6

Read the passage and answer the questions on the next two pages.

You may look back to this page if you wish.

POISON IVY

The interval for burning, itching, and finally water-filled blisters to appear varies a great deal. This, again, may depend on some differences in human skin; and the symptoms of dermatitis can develop within a few hours or even days later The most important factor in using any remedy or treatment is TIME. Unless you can wash the poisonous sap away within 5 to 10 minutes after exposure, you are likely to be in trouble. Wash the entire body at once with any bland soap and then change clothing which must be laundered before being worn again. It is, of course, very obvious that washing is not always possible immediately after known contact with such irritating plants, and a tub or shower after outdoor activity is generally too late to avoid dermatitis if you have been exposed to or in contact with poison ivy. The blister fluid associated with ivy poisoning does not spread the irritation; but it is the oily, poisonous resin which is transferred to other skin areas by rubbing or scratching.

There are some simple preparations for treatment of ivy poisoning. An easily prepared "remedy" can be made by using equal parts of baking soda and cornstarch with enough water to form a paste or a lotion. Wet packs of boric acid are helpful in case of severely poisoned eyelids and swollen eyes. Calamine lotion can be used to soothe the discomfort of itching, burning skin. Preparations containing iron salts are likely to cause permanent tattoo effects, especially if skin in the area of application is broken.

7-103062-228-4

(Continued)

A. Which of the following is essential to avoid ivy dermatitis once a person is exposed to poison ivy?

○ Cut down the ivy plant.
○ Do not scratch the affected areas.
○ Put calamine lotion on the affected areas.
○ Put iron salt solution on the exposed areas.
● Wash all exposed areas within about five minutes of exposure.

○ I don't know.

B. Which of the following will soothe the itching from ivy poisoning?

○ Cut down the ivy plant.
○ Do not scratch the affected areas.
● Put calamine lotion on the affected areas.
○ Put iron salt solution on the exposed areas.
○ Wash all exposed areas within about five minutes of exposure.

○ I don't know.

7-103062 228-4

(Continued)

C. What should you do if the ivy poisoning affects your eyelids?

○ Apply calamine lotion.

○ Apply iron salt solution.

○ Apply mild soap solution.

● Apply wet packs of boric acid solution.

○ Apply a paste of baking soda and cornstarch.

○ I don't know.

7 103062 228 4

RELEASE #:	N506
NAEP #:	7-103062-228-4
ASSESSMENT AREA:	READING
MAJOR OBJECTIVE:	Comprehend What Is Read
SUBOBJECTIVE:	Read paragraphs, passages, and longer works
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	01-05
Copyright Information:	Winterringer, Glen S. Poison-Ivy and Poison-Sumac. Published by the State of Illinois.

EXERCISE: 7-103062-228-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 05* (A001/001)							
YR8 P-VALUE	85.8	83.7*	87.6*	90.0*	64.1*	85.9	85.8
YR8 SE OF P-VALUE	1.7	2.1	1.7	1.5	4.4	3.1	2.2
YR2 P-VALUE	87.2	85.7	88.4	90.4*	69.0*	85.0	88.8
YR2 SE OF P-VALUE	1.1	1.5	2.0	1.1	4.9	2.1	1.3
PART B RESPONSE: 03* (A002/002)							
YR8 P-VALUE	90.5	89.0	91.8	93.9*	75.5*	91.9	89.6
YR8 SE OF P-VALUE	1.2	1.8	1.4	0.9	4.0	1.1	1.7
YR2 P-VALUE	91.7	91.5	91.8	93.7*	78.5*	89.4	93.4
YR2 SE OF P-VALUE	1.1	1.6	1.9	1.0	4.2	2.3	1.0
PART C RESPONSE: 04* (A003/003)							
YR8 P-VALUE	82.2	77.6*	86.2*	87.1*	64.4*	81.4	82.7
YR8 SE OF P-VALUE	1.4	1.8	1.6	1.4	2.3	2.3	2.1
YR2 P-VALUE	86.1	83.4	88.2	89.0*	68.3*	84.5	87.3
YR2 SE OF P-VALUE	1.2	1.8	1.7	1.0	4.3	2.5	1.1

Read the passage and answer the questions on the opposite page.

Suburbanites are not irresponsible. Indeed, what is striking about the young couples' march along the abyss is the earnestness and precision with which they go about it. They are extremely budget-conscious. They can rattle off most of their monthly payments down to the last penny; one might say that even their impulse buying is deliberately planned. They are conscientious in meeting obligations, and rarely do they fall delinquent in their accounts.

They are exponents of what could be called budgetism. This does not mean that they actually keep formal budgets–quite the contrary. The beauty of budgetism is that one doesn't have to keep a budget at all. It's done automatically. In the new middle-class rhythm of life, obligations are homogenized, for the overriding aim is to have oneself precommitted to regular, unvarying monthly payments on all the major items.

Americans used to be divided into three sizable groups: those who thought of money obligations in terms of the week, of the month, and of the year. Many people remain at both ends of the scale, but with the widening of the middle class, the mortgage payments are firmly geared to a thirty-day cycle, and any dissonant peaks and valleys are anathema. Just as young couples are now paying winter fuel bills in equal monthly fractions through the year, so they seek to spread out all the other heavy seasonal obligations they can anticipate. If vendors will not oblige by accepting equal monthly installments, the purchasers will smooth out the load themselves by floating loans.

It is, suburbanites cheerfully explain, a matter of psychology. They don't trust themselves. In self-entrapment is security. They try to budget so tightly that there are no unappropriated funds, for they know these would burn a hole in their pocket. Not merely out of greed for goods, then, do they commit themselves; it is protection they want, too. And though it would be extreme to say that they go into debt to be secure, carefully charted debt does give them a certain peace of mind–and in suburbia this is more coveted than luxury itself.

7 127084 228 4

(Continued)

A. Which of the following BEST explains the kind of human behavior described?

- ○ "Not merely . . . greed for goods."
- ● "In self-entrapment is security . . . "
- ○ " . . . obligations are homogenized . . . "
- ○ "Suburbanites are not irresponsible."
- ○ "They are extremely budget-conscious."

- ○ I don't know.

B. How could "budgetism" BEST be defined?

- ○ Buying everything on the installment plan
- ○ Keeping careful records of income and outgo
- ○ Deciding in advance how much will be spent each year
- ○ Setting aside a certain amount each month for regular expenses
- ● Committing almost the entire monthly income to regular payments

- ○ I don't know.

7 127004 228 4

RELEASE #:	Part A R756 Part B R120
NAEP #:	7-127004-228-4
ASSESSMENT AREA:	READING
MAJOR OBJECTIVE:	Comprehend What Is Read
SUBOBJECTIVE:	Multiple subobjective
Exercise/Scoring Type:	Multiple Choice/Machine
Administration Mode:	Individual
Age:	Adult
Package-Exercise:	01-16
Copyright Information:	Whyte, William H., Jr. *The Organization Man*. Garden City, N.Y.: Doubleday & Co., 1956.

EXERCISE: 7-127004-228-4

	SEX		RACE		CCS		
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
PART A RESPONSE: 02* (A001/001)							
YR8 P-VALUE	29.4	28.4	30.2	32.7*	12.5*	29.2	29.5
YR8 SE OF P-VALUE	1.7	2.3	2.2	1.8	3.5	2.0	2.5
YR2 P-VALUE	31.5	31.1	31.7	34.9*	12.9*	36.3*	28.3*
YR2 SE OF P-VALUE	1.7	2.2	2.0	2.0	2.5	2.3	2.4
PART B RESPONSE: 05* (A002/002)							
YR8 P-VALUE	37.3	38.4	36.2	42.9*	12.3*	38.2	36.7
YR8 SE OF P-VALUE	1.8	2.6	2.3	1.6	2.4	3.0	2.4
YR2 P-VALUE	43.0	40.4	45.0	47.2*	19.3*	40.4	44.7
YR2 SE OF P-VALUE	2.3	3.0	2.4	2.3	2.8	3.4	3.2

Read the poem and answer the question which follows it.

My body a rounded stone
with a pattern of smooth seams,
My head a short snake,
retractive, protective.
My legs come out of their sleeves
or shrink within,
and so does my chin.
My eyelids are quick clamps.

My back is my roof.
I am always at home.
I travel where my house walks.
It is a smooth stone.
It floats within the lake,
or rests in the dust.
My flesh lives tenderly
inside its home.

What is one method the poet uses to attract the reader's interest?

○ The dramatic outcome

● An unusual point of view

○ Scientific detail about nature

○ The use of regular rhymes and rhythms

○ The relationship between the characters

○ I don't know.

7-203010-228-4

RELEASE #: R840

NAEP #: 7-203010-228-4

ASSESSMENT AREA: READING

MAJOR OBJECTIVE: Analyze What Is Read
SUBOBJECTIVE: See the techniques by which the author has created his effects

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 01-13

Copyright Information: Swenson, May. To Mix With Time.
New York: Charles Scribner's Sons, 1963.

EXERCISE: 7-203010-228-4

RESPONSE: 02* (A001/001)

	NATION	SEX		RACE		CCS	
		MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
YR8 P-VALUE	51.5	51.3	51.7	55.6*	32.0*	52.2	51.1
YR8 SE OF P-VALUE	1.9	2.4	2.9	2.3	1.7	2.5	2.7
YR2 P-VALUE	51.7	52.8	51.0	55.5*	28.1*	51.9	51.6
YR2 SE OF P-VALUE	1.9	3.0	2.5	2.1	5.3	3.5	2.0

Read the passage and answer the question which follows it.

We can't be satisfied with a static culture. There's work to be done if we're to survive. To stand still would be to perish. The discrepancy between man's technical power and the wisdom with which he uses it has grown conspicuously wider year by year. We become aware of it when an atomic bomb blasts an open gulf, but the separation has gone on steadily for a long time. It's no solution to put the brakes on science until man's wisdom and responsibility catch up. As frightening as it may seem—as mad as it may seem to the contemplative soul—science must go on. We can't put our rockets and our atomic piles in museums like the locomotives in Erewhon. But we must build men up to the same level. We can't retreat, but we must straighten our lines. We must reinforce the weak sectors—the behavioral and cultural sciences. We need a powerful science of behavior.

The tone of the speaker is which of the following?

○ Cynical

● Earnest

○ Ironical

○ Sentimental

○ Witty

○ I don't know.

7-203049-228-4

RELEASE #: R839

NAEP #: 7-203049-228-4

ASSESSMENT AREA: READING

MAJOR OBJECTIVE: Analyze What Is Read
SUBOBJECTIVE: See the techniques by which the author has created his effects

Exercise/Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 01-03

Copyright Information: Skinner, B. F. Walden Two. New York: The Macmillan Company, 1948, pp. 290-91. Reprinted by permission of the publisher.

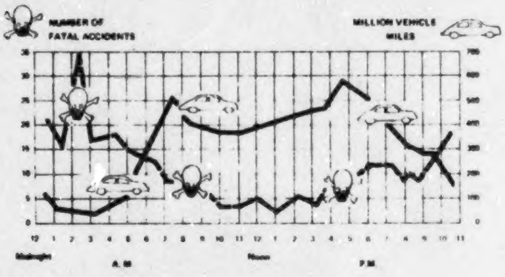
EXERCISE: 7-203049-228-4

RESPONSE: 02* (A001/001)

	NATION	SEX MALE	SEX FEMALE	RACE WHITE	RACE BLACK	CCS BC&UF	CCS MC&SP
YR8 P-VALUE	60.4	58.5	62.0	65.5*	35.7*	64.7	57.6*
YR8 SE OF P-VALUE	1.9	2.5	1.9	1.6	5.1	2.2	2.6
YR2 P-VALUE	71.6	70.4	72.6	76.2*	48.0*	70.4	72.5
YR2 SE OF P-VALUE	1.9	2.2	2.6	1.5	6.7	2.8	2.6

Read the passage and look at the chart, then answer the question below it.

This chart shows the number of fatal accidents (broken line) and the number of vehicle miles (solid line) in California, arranged according to the hour of the day.



All but one of the following factual conclusions can be reached from the data presented. Which statement goes beyond the data given in the chart?

- ○ Fewer fatal accidents occur during the day than at night.
- ○ Driving at a time when most people would be sleepy is dangerous.
- ● Eating a good lunch tends to keep drivers alert to driving hazards.
- ○ Traffic becomes heavier at the end of the working day than at the beginning.
- ○ Just because there are few vehicles on the road is no reason to relax one's safety precautions.

○ I don't know.

7-303058-228-4

RELEASE #: R220

NAEP #: 7-303058-226-4

ASSESSMENT AREA: READING

MAJOR OBJECTIVE: Use What Is Read
SUBOBJECTIVE: Obtain information efficiently

Exercise-Scoring Type: Multiple Choice/Machine
Administration Mode: Individual

Age: Adult
Package-Exercise: 31-18

Copyright Information: Glenn, Harold T. Youth at the Wheel.
2nd ed., Peoria, Ill.: Charles A. Bennett
Co., Inc., 1965.

EXERCISE: 7-303058-228-4

		SEX		RACE		CCS	
	NATION	MALE	FEMALE	WHITE	BLACK	BC&UF	MC&SP
RESPONSE: 03* (A001/001)							
YR8 P-VALUE	43.6	46.4	41.1	49.3*	18.1*	46.0	42.0
YR8 SE OF P-VALUE	1.8	2.3	2.5	1.9	2.2	3.5	2.1
YR2 P-VALUE	42.2	47.1*	38.4*	45.1*	24.7*	43.8	41.1
YR2 SE OF P-VALUE	2.2	2.6	2.4	2.1	5.3	3.3	2.7

✿ GPO: 1979--677-054/8